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It is the responsibility of students enrolled at Genesee Community College to become knowledgeable of the information presented in this catalog.

Program and curricula descriptions within this publication are intended for informational use only and cannot substitute for advice from an admissions counselor and/or student advisor. Although every effort has been made to ensure that such descriptions were accurate at the time of printing, this publication does not govern program requirements. Genesee Community College reserves the right to delete, alter or not offer any course described in this publication for any reason and without notice. Genesee Community College further reserves the right to affect changes in curriculum, administration, policies, tuition, fees, and any other aspect of College activity, process, or procedure for any reason and without notice.

For the most up-to-date information, please visit our website: www.genesee.edu.

TABLE OF CONTENTS

COLLEGE CATALOG 2019-2020	1
TABLE OF CONTENTS	2
ABOUT GENESEE COMMUNITY COLLEGE	3
LOCATIONS	4
FACILITIES.....	4
STUDENT SUPPORT & SERVICES.....	6
STUDENT HOUSING	10
THE GCC FOUNDATION	10
ACADEMIC CALENDAR (2019-2020).....	11
ADMISSIONS	12
ARTICULATION AGREEMENTS	30
TUITION & FEES.....	35
FINANCING YOUR EDUCATION	37
ACADEMIC INFORMATION	44
DEGREE PROGRAMS	51
COURSE DESCRIPTIONS	221
POLICIES & REGULATIONS.....	316
COLLEGE DIRECTORY	326

ABOUT GENESEE COMMUNITY COLLEGE

GCC was founded in 1966 as part of the State University of New York (SUNY) system after a successful publicly voted referendum. Guiding the College through all endeavors through the years is the continuous dedication to meeting the changing needs of students and the community.

Mission Statement

As an inclusive, accessible, student-centered community college, we foster exceptional teaching and learning opportunities that result in intellectual and social growth, economic advancement, and engaged citizenship.

Our Six Core Values

1. Community
2. Diversity
3. Integrity
4. Learning
5. Opportunity
6. Respect

Accreditation

All academic programs offered by Genesee Community College have been approved by the State University of New York and registered with:

New York State Board of Regents
New York State Department of Education
Room 110EB
Albany, NY 12234
518-474-5889
www.regents.nysed.gov

The State University of New York has authorized the College to award the degrees of associate in arts, associate in science, associate in applied science, and specified certificates. The College itself is fully accredited by:

Middle States Commission on Higher Education
3624 Market Street
Philadelphia, PA 19104–2680
215-662-5606

The College is a member of the American Association of Community Colleges.

Nursing Program

The Accreditation Commission for Education in Nursing (formerly the National League for Nursing Accrediting Commission, Inc.)

3343 Peachtree Road, NE
Suite 850

Atlanta, Georgia 30326

404-975-5000

www.acenursing.org

Paralegal Program

American Bar Association

Standing Committee on Paralegals

321 North Clark Street

Chicago, IL 60610-4714

800-285-2221

www.americanbar.org/groups/paralegals.html

Physical Therapy Program

Commission on Accreditation in Physical Therapy Education (CAPTE)

1111 North Fairfax St

Alexandria, Virginia 22314

703-706-3245

www.capteonline.org

Polysomnographic Technology Program

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

25400 U.S. Highway 19 North, Suite 158

Clearwater, FL 33763

727-210-2350

www.caahep.org

Respiratory Care Program

Commission on Accreditation for Respiratory Care

1248 Harwood Road

Bedford, Texas 76021-4244

817-283-2835

www.coarc.com

Veterinary Technology Program

American Veterinary Medical Association

Committee on Veterinary Technician Education and Activities

1931 N. Meacham Road

Schaumburg, IL 60173-4360
1-800-248-2862
1-847-925-8070
www.avma.org

LOCATIONS

Genesee Community College is located just outside the City of Batavia in upstate New York, centered between the greater metropolitan areas of Buffalo and Rochester. The Batavia campus and College Village, the student residence community adjacent to the main campus, are nestled amid the scenic hills and farmland of the quiet Genesee County countryside. Yet, less than 40 minutes away are two urban areas teeming with cultural, sporting, and civic opportunities.

In addition to the main campus in Batavia, Genesee Community College also has six Campus Centers located in Livingston, Orleans and Wyoming counties. With seven campus locations in four counties and more than 5000 students, Genesee Community College has become one of the most highly-respected community colleges in the United States. Since its founding in 1966, it has become an important part of the prestigious State University of New York (SUNY) education system.

Batavia Campus

One College Rd.
Batavia, NY 14020
585-343-0055
866-225-5422

Albion Campus Center

456 West Ave.
Albion, NY 14411
585-589-4936

Arcade Campus Center

25 Edward St.
Arcade, NY 14009
585-492-5265

Dansville Campus Center

31 Clara Barton St.

Dansville, NY 14437
585-335-7820

Lima Campus Center

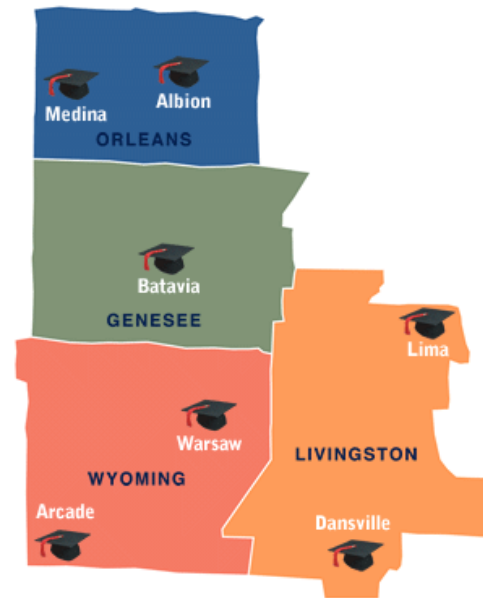
7285 Gale Rd.
Lima, NY 14485
585-582-1226

Medina Campus Center

11470 Maple Ridge Rd.
Medina, NY 14103
585-798-1688

Warsaw Campus Center

115 Linwood Ave.
Warsaw, NY 14569
585-786-3010



FACILITIES

Student Success Center

585-345-6805
SSC@genesee.edu

Completed in 2017, the 18,478 square foot Student Success Center became the new “front door” of the Batavia Campus. The Student Success Center brings the admissions, financial aid, academic advisement, job and career counseling and a variety of other student services into one building. The one-stop service

center features Success Coaches who provide each new GCC student with a single point of contact from his or her first day on campus all the way through commencement.

Richard C. Call Arena

Completed in 2017, the 54,000 square foot facility houses many of GCC's physical education classrooms and coaches offices, a new Fitness Center, meeting rooms, a press box overlooking the Turf Field, and the 20,400 square foot field house that can accommodate many different types of events – from sporting competitions to trade shows and community gatherings.

Rosalie “Roz” Steiner Art Gallery

585-343-0055 x6490

GCCgallery@genesee.edu

Added to the Genesee Center for the Arts in 2011, the Art Gallery can accommodate a variety of exhibits featuring visual works, sculpture, ceramics and other media. The gallery is also equipped with state-of-the-art lighting and “smart technology” to make new media and Web-based exhibits possible.

Wolcott J. Humphrey III Student Union

Completed in 2006, this 10,500-square-foot complex provides space for student co-curricular, social events and recreational activities. The Student Activities Office, Veterans Services Office and Student Government Center are housed in the Student Union. The building includes a fireplace, Subway Restaurant, dining area, TV, a bay of computer terminals, pool table and ping-pong tables.

Conable Technology Building

Completed in 2000 and named after the region's noted statesman, the late U.S. Representative Barber Conable, the two-story wing offers 42,000 square feet for state-of-the-art computer labs, a media production suite, eLearning and “smart” classrooms, and a 150-seat tiered lecture hall with the latest presentation equipment.

BEST Center

585-345-6868

bestcenter@genesee.edu

Located in the Conable Technology Building at GCC, The Business and Employee Skills Training (BEST) Center is the recognized regional leader in developing the skilled workforce that powers local area economic growth. The Center provides a wide array of programs and services designed to prepare individual employees as well as businesses and organizations for success in the regional economy. The BEST Center offers open enrollment seminars and workshops as well as truly customized training designed to assist businesses improve the performance of their people and processes. The Center serves individual employees as well as business both large and small.

Genesee Center for the Arts

585-345-6814

boxoffice@genesee.edu

Completed in 1991, the Genesee Center for the Arts includes the 328-seat Stuart Steiner Theatre and the 1,700-square-foot Rosalie “Roz” Steiner Art Gallery as well as studio and instructional space. The Center accommodates dramatic productions, art exhibitions, concerts, literary readings, dances and lectures. The Center lobby provides additional exhibition space for college and community organizations and events.

Alfred C. O’Connell Library

585-343-0055 x6419

The Alfred C. O'Connell Library, open 7 days a week during Fall/Spring semesters, provides an excellent learning environment to foster student success. The library's website serves as a portal to over 89,000 circulating and reference print titles, eBooks, music CDs, periodicals, audiobooks, more than 75 full-text research databases and a wide variety of online resources and research services including online instructional tutorials and videos. An extensive core collection of current textbooks, science models, and laptops are available for in-library

use. Interlibrary loan services provide rapid access to materials from other institutions nationwide. Librarians are available in person, via chat and email, and by phone, to assist students in locating, evaluating and using information. State-of-the-art technology throughout the library supports student research and study needs in an attractive and inviting environment. Librarians teach information literacy skills in a fully equipped classroom computer lab, at all campus center locations, and for select online courses. GCC library resources are available for use at no charge to GCC students, faculty, staff and the entire community.

Albion Campus Center

GCC opened the Albion Campus Center in 1990 as the College's first campus center. It provides multiple resources, including: Two computer labs, six high-tech SMART classrooms, an art room, video conferencing, a quiet study lab, student lounge and outdoor patio.

Arcade Campus Center

A student-focused, center for higher education and workforce development nestled in the tri-county area, our supportive faculty and staff members make the Arcade Campus Center feel like a home away from home for students and community members. One of two Campus Centers in Wyoming County. GCC first offered classes in Arcade in the 1980's; subsequently opening the Arcade Campus Center in 1994.

Dansville Campus Center

The Dansville Campus Center is located at the former Dansville Middle School, just off Main Street in downtown Dansville. The campus center features a variety of resources, such as: more classrooms, modern science labs, art and ceramic studio, gymnasium, 550-seat auditorium, student lounges and silent study room.

Lima Campus Center

The Lima Campus Center opened in September of 2009. Midway between the villages of Lima and Honeoye Falls, the Lima Campus Center

serves northern Livingston County by offering college courses and noncredit training classes. The Lima Campus Center contains multiple resources, including: computer labs, SMART classrooms, well-equipped science lab, student lounge and outdoor patio.

Medina Campus Center

The Medina Campus Center opened in 2007 and contains many valuable resources, including: science lab, computer lab, video-link classroom and five SMART classrooms.

Warsaw Campus Center

Explore. Empower. Engage. Located in the county seat of Wyoming County, the knowledgeable faculty and staff at the Warsaw Campus Center make learning come alive in an intimate environment. One of two Campus Centers in Wyoming County. The Warsaw Campus Center first opened its doors on Main Street in January 1991, and then moved to Linwood Avenue in 2002, earning more classroom space for an expanded class schedule.

STUDENT SUPPORT & SERVICES

Academic Advisement

Academic Advisors provide important academic guidance and support for you while you are a student at GCC. We want you to be a successful student! Advisors will assist you in choosing the correct classes for your degree program, help you monitor progress toward degree completion, as well as provide you guidance and support while you are a student at GCC. Please call to schedule an appointment to meet with an advisor or contact an advisor directly for assistance in scheduling your classes.

Student Success Coaches in the Student Success Center offer academic advisement at our Batavia Campus. Each Campus Center has academic advisors on site to service their students.

Adult Educational Opportunity Center

The Adult Educational Opportunity Center (AEOC) is a free program that provides counseling and information on college admissions to qualified adults who want to enter or continue a program of postsecondary education. The program also provides services to improve the financial and economic literacy of participants. An important objective of the program is to counsel participants on financial aid options, including basic financial planning skills, and to assist in the application process. The goal of the AEOC program is to increase the number of adult participants who enroll in postsecondary education institutions, to provide support for students to achieve their dreams and goals.

In order to make it as easy as possible for individuals to meet with one of our Outreach Specialists, we have many AEOC Locations throughout our six-county area (Allegany, Cattaraugus, Genesee, Livingston, Orleans and Wyoming).

All AEOC Services are free. Call our toll free number for an appointment: 1-888-394-2362 or email AEOC@genesee.edu for more information.

Campus Bookstore

585-345-6878

bookstore@genesee.edu

Our bookstore is leased and operated by Barnes & Noble College Booksellers and located on the first floor of the Batavia campus, at the north end of the cafeteria. We carry all of your class and college needs from new and used textbooks, rental books, ebooks, trade books, supplies, gift items, and imprinted clothing. The Bookstore will price match textbooks with Amazon.com and Bn.com! The book must be available in the same condition with our competitor at the time of the price match, and any online marketplaces are ineligible. For full details of the price match program, please contact the Bookstore.

The bookstore also provides textbooks and supplies for courses offered at the off-campus centers, without requiring a visit to the Batavia campus. The bookstore is open extended hours at the beginning of each semester. Bookstore business hours are posted at the entrance to the store and on the bottom of the website.

Campus Safety

Room B118

585-345-6500 - off campus

x6500 from any campus phone

Open 24 hours, 7 days a week, the office of Campus Safety responds to all criminal or emergency calls on the Batavia campus. All full-time officers have completed an A.A.S. degree or better and have experience in the field of law enforcement. All officers must be licensed by the State of New York under the Security Act, attend on the job training, first aid, CPR and AED training, and receive a minimum of 40 hours of continuous training each year to update their skills. Campus safety is responsible of enforcement of all federal, state, county laws as well as all college regulations. Each Campus Center has its own set of safety precautions.

The GCC office of Campus Safety is not responsible for the security and safety of College Village. College Village, through the GCC Foundation, maintains a separate security staff. College Village staff can be reached at 585-343-0163.

Career Services

Room B201

585-345-6888

career@genesee.edu

In support of Genesee Community College's mission and vision, Career Services is committed to providing assistance in navigating career and educational planning. Our office develops and sustains positive relationships with students, alumni, faculty, staff, employers, and our community members. These meaningful partnerships, in addition to customized educational experiences, are designed to coach,

prepare, and support individuals to become career confident citizens in a global work environment.

Child Care Center

585-345-6833

The GCCA Child Care Center offers complete childcare services for infants six weeks to preschool aged children. The hours are from 7:30 AM to 5:00 PM Monday to Friday, following the academic calendar. Children of students, staff and faculty, and the community on a space available basis may use the Child Care Center. The Center is newly renovated with safe and developmental resources. The staff is trained and supervised by the Director, Staci Williams. There are educational programs and lunch and snacks are provided. Safe sleeping equipment is available for naps. The Center is accessible for children with disabilities.

Rates are set according to the age and the number of days that the child uses the Center. The U.S. Department of Education and the State University of New York awarded grant funds for child care tuition subsidies for income eligible Genesee Community College students. Contact the Director, Staci Williams. The Center is located at the main entrance to the Campus in Batavia.

Counseling Services

Room C209

585-343-0055 x6357

The Genesee Community College Counseling Center is committed to the mental health and wellbeing of all students. We strive to facilitate growth and enhance understanding of self and others by providing culturally responsive individual/group counseling services, prevention-based education and outreach to our campus community. Our services are free to all enrolled students.

Online Learning Office

Room T148

585-345-6969

gcconline@genesee.edu

Genesee Community College provides both live and time/place independent learning opportunities for students who wish to extend study beyond conventional classroom-based courses, speed their progress toward degree completion, or complete a Genesee program online. Numerous Genesee Community College's courses, degrees, and certificate programs can be earned fully online. Genesee's online courses are equivalent to conventional courses in academic rigor and transferability, but with greater flexibility. Instead of attending on-campus classes, students use a mix of learning resources, which may include online access to digital course materials, textbooks, printed study guides, field assignments, exams, online discussion, papers, projects, labs, presentations, video lectures, or review sessions. Interaction with instructors and other students occurs via the internet, telephone, and/or videoconferencing. Genesee Community College's online courses are ideally suited for learners who work well independently and can effectively budget time and priorities. Online learning students juggle busy schedules and combine college studies with careers and raising families, and may be perfect for those learners who cannot easily get to a Genesee location. Thousands of students earned college credit last year through online courses.

Student Activities

Room S115

585-343-0055 x6261

SA@genesee.edu

The Student Activities Office, located in S115 in the Student Union, has plenty of opportunity for you to get involved including:

- Over 50 Student Groups
- Student Government Association
- Campus Activities Board, which works to organize fun programs on campus
- Leadership Certificate Program

The Student Activities Office collaborates with a variety of student organizations and departments

on campus to provide all GCC students fun, unique, and exciting programs and events while they are taking classes.

Student Health Center

Room B109

585-345-6835

healthoffice@genesee.edu

The GCC student Health Center located in B109 (just behind the cafeteria in the "B" Building), is staffed Monday through Friday by a Registered Nurse. Hours of operation vary with the college calendar.

New York State Public Health Law 2165 now requires all students attending New York State colleges and universities to show proof of immunity against measles, mumps and rubella. Full-time and part-time students, registered for 6 credit hours or more, must show proof of immunity prior to the start of classes. Persons born before January 1, 1957 are exempt from the requirement. Please review the NYS Department of Health Guidelines for more information. Also, all students registering for 6 or more credits must complete and return a Meningitis Response Form. It is NOT mandatory to receive the meningitis vaccine. (Part B of the Immunization Form)

Proof of immunity, in accordance with these requirements, is a condition of registration and continued class attendance. Proof of immunity is:

- Measles: TWO doses of live measles vaccine given after 1967; the first dose given after 12 months of age; the second dose given at least 28 days after the first dose or a blood test showing immunity.
- Mumps: one dose of live mumps vaccine given after 1968 and after 12 months of age or a blood test showing immunity.
- Rubella: one dose of live rubella vaccine given after 1968 and after 12 months of age, or a blood test showing immunity.
- Meningitis: a signed meningitis response form indicating the date of the shot within the last 5 years or declination of the

meningitis shot. (Part B of the Immunization Form)

Students, who have proof of at least one valid measles, mumps or rubella vaccine should go to the local Health Department or doctor for a second dose of measles or MMR vaccine. All immunization information should be submitted directly to the Health Center. Please be sure that all documents are properly identified with your current name, date of birth and your Student ID number. Copy of immunization record from your doctor is acceptable.

Services Available (All Are Confidential):

- Basic First Aid
- Promotion of health and wellness. Current literature is available to all students.

Immunization Compliance

Private area available for breast pump use.

Student Support Services

Room D208

585-345-6840

The Student Support Services Program is a fully federally funded program designed to give students extra assistance throughout their academic career. The goal of the program is to help a greater number of participants graduate and/or continue on for a baccalaureate degree.

Services offered to participants:

- Academic - including: tutoring, help developing better study skills and learning strategies, supplemental workshops, help with course selection, and more.
- Financial - including: program scholarships, assistance finding other campus and outside scholarships, help with aid applications and understanding available aid, help understanding your finances and budgeting assistance.
- Transfer - including: visits to 4-year campuses, assistance in completing applications, and help finding aid at the four-year institution.
- Other - including: help in choosing a career program, access to academic

equipment and media, and the ability to participate in no-cost cultural activities.

Students must apply and be accepted to the Student Support Services Program before using program services. The program accepts 250 students each year. Contact program staff for an application and/or more information about qualifying for the program.

Testing Center

Room D217

585-343-0055 x6354

testing@genesee.edu

The Testing Center is responsible for Online Course Testing, Placement Testing, Remote Placement Testing, Make-up Testing and Accommodated Testing.

Transfer Services

Room G112

585-343-0055 x6230

transfer@genesee.edu

Thousands of students have begun their college education at GCC, transferred to a 4-year school, and gone on to earn bachelor's, master's and doctorates in a wide variety of fields. The coursework in our associate's degree programs is comparable to that of the freshman and sophomore year at most 4-year schools. You can spend your first two years at Genesee and then transfer the credits you earn here to a four-year school of your choice to complete your degree.

STUDENT HOUSING

College Village

585-343-0163

collegevillage@genesee.edu

College Village is located just down the hill from GCC providing convenient and affordable apartment style living for full time students of GCC. All suites house 4-5 residents and are fully furnished with a full kitchen, bathroom, and living room with the option of a double (shared) or single (private) bedroom. The Housing Rate includes the cost of WiFi, basic cable, telephone

service, laundry facilities, parking, and basic utilities, with heat and electric service covered by a predetermined limit. College Village housing is for GCC students only. Complete the GCC Application and register as a full time student in order to be eligible for housing.

Housing Rates for 2019 – 2020 Academic Year:

Double Room

- Shared bedroom in a 4 person apartment
- \$3,300 per semester / \$6,600 per year

Community Single

- Private bedroom in communal floor
- \$3,975 per semester / \$7,950 per year

Group Single Room

- Private bedroom in a 4-5 person apartment
- \$3,975 per semester / \$7,950 per year

Twin Single Room

- Private bedroom in a 2 person apartment
- \$4,325 per semester / \$8,650 per year

Housing Contracts are for the full academic year (Fall & Spring)

THE GCC FOUNDATION

Together, we can create our future. That simple belief has guided the Genesee Community College Foundation since its formation in 1985. By combining the volunteer efforts, financial support, and deep passion of committed people, we help Genesee Community College and many hundreds of students every year. By building and strengthening Genesee Community College, and investing in the lives of our students today, we secure a bright future for our communities and for generations to come.

Our Goals

- Excellence. We recognize and encourage academic success at Genesee Community College, and provide financial

support for our community’s academically talented students.

- Access. We help provide a Genesee Community College education to all Genesee, Livingston, Orleans, and Wyoming County students facing financial and personal hardship through no fault of their own.
- Vitality. We promote study in fields critical to the economic growth of business and industry in our region.
- Involvement. We provide avenues for alumni, stakeholder, and community involvement in the College.
- Capital. We help provide capital resources that foster superior education and service to our students.

What We Do

The GCC Foundation ...

- Receives funds through our volunteer-driven annual fund raising campaign, special fund raising events, and thoughtfully-planned bequests and deferred gifts.
- Manages Donor-Designated Funds (more than 150 of them) through a rigorous investment program.
- Provides careful Stewardship of all funds entrusted to us, and ongoing communication with our supporters and community about our work.
- Expertly manages Foundation-owned property and Foundation-sponsored services to students, including College Village, our student residence.
- Disburses funds through a thoughtful planning and grant-making process.

Our Values

- Service to Genesee Community College, our students, our many supporters, and our communities
- Generosity of time, talent, and treasure
- The highest ideals of citizenship

- Commitment to our neighbors, our communities, and future generations
- Belief in the power of every person to make a difference

The Genesee Community College Foundation is a New York State charitable corporation, and contributions to the Foundation are tax-exempt to the fullest extent of federal and state law. The Foundation is organized to receive, invest, manage, and disburse your gifts in the most effective and meaningful way possible.

ACADEMIC CALENDAR (2019-2020)

Summer 2019

Date	Description
5/28	First Day of Classes (Full Semester and First 5 Week Session)
6/28	Last Day of Classes (for First 5 Week Session)
7/4	Independence Day Holiday
7/8	First Day of Classes (for Last 5 Week Session)
8/9	Last Day of Classes (Full Semester and Last 5 Week Session)

Fall 2019

Date	Description
8/12	New Employee Orientation
8/13 - 8/16	Professional Activity Days for Faculty and Staff
8/16	Student Orientation
8/19	First Day of Classes (Full Semester and First 8-Week Session)
9/2	Labor Day Holiday
9/16	First Day of Classes (12-Week Session)
10/14	Columbus Day Holiday
10/11	Last Day of Classes (First 8-Week Session)
10/15	First Day of Classes (Last 8-Week Session)
11/28 - 11/30	Thanksgiving Holiday
12/6	Last Day of Classes (Full Semester and Last 8-Week Session)
12/9 -	IP and Final Exams

Date	Description
12/11	
12/9	First Day of Winterim
12/24 -	Christmas Holiday
12/25	
12/31 -	New Year's Eve/New Year's Day
1/1	Holiday
1/8	Last Day of Winterim

Spring 2020

Date	Description
1/6 -	Professional Activity Days for Faculty and Staff
1/10	
1/13	First Day of Classes (Full Semester and First 8-Week Session)
1/20	Martin Luther King Holiday
2/10	First Day of Classes (12 Week Session)
2/17	Presidents' Day Holiday
3/6	Last Day of Classes (First 8-Week Session)
3/9 -	Spring Break - No Classes
3/14	
3/16	First Day of Classes (Last 8-Week Session)
4/10	No Classes Scheduled (Flex Day) Good Friday
5/8	Last Day of Classes (Full Semester and Last 8-Week Session)
5/11 -	IP and Final Exams
5/13	
5/17	Commencement

Summer 2020

Date	Description
5/25	Memorial Day Holiday
5/26	First Day of Classes (Full Semester and First 5-Week Session)
6/26	Last Day of Classes (First 5-Week Session)
7/4	Independence Day Holiday
7/6	First Day of Classes (Last 5-Week Session)
8/7	Last Day of Classes (Full Semester and Last 5-Week Session)

ADMISSIONS

Batavia Campus, SSC G200B

585-345-6800

1-866-CALL-GCC

Admissions@genesee.edu

Admission to Genesee Community College is open to all people whom the College deems can profit academically from collegiate instruction. However, admission to a specific curriculum is not guaranteed because certain curricula, such as nursing, require prerequisites for admission. Additionally, the Assistant Dean of Admissions and Recruitment will require any or all applicants (other than concurrently enrolled high school students) who do not have a high school diploma or GED to meet the federal definition of Ability to Benefit in order to qualify to attend, audit, or otherwise participate in classes at Genesee Community College.

Applicants for admission to the College must send or have sent to the Assistant Dean of Admissions and Recruitment:

- A. Evidence of graduation or prospective graduation from an approved high school, or a high school equivalency diploma. Those who have not graduated from high school or earned a high school equivalency diploma may still be admitted as non-matriculated students and may be eligible to earn a high school equivalency diploma upon completion of 24 credits of college-level work in specific academic areas, if they demonstrate ability to benefit from collegiate academic instruction. Students will be classified as matriculated students if they meet all admission requirements and enroll in degree or certificate programs. Any qualified resident of Genesee County is assured of admission to the College as a full-or part-time student.
- B. Official transcripts from high schools and postsecondary schools attended.
- C. A score report from the American College Testing (ACT) Program or satisfactory

Compass/Accuplacer test results as established by the US Department of Education.

- D. A score report from the Test of English as a Foreign Language (TOEFL) for international students.
- E. A copy of separation papers for military veterans.

Anyone enrolling for six or more credit hours, who was born on or after January 1, 1957, must provide GCC's Health Office with proof of adequate immunization against measles, mumps, and rubella, and must have signed a meningitis risk disclosure statement.

Students who have previously attended Genesee Community College may apply for re-admission to the College by contacting the Office of Admissions and filing an Application for Readmission.

Applicants who have attended other colleges or postsecondary schools may be admitted to Genesee Community College with advanced standing and receive up to one-half of the required credit hours in a GCC program for courses successfully completed. Credit will be given only for courses completed elsewhere which fulfill the requirements of the degree or certificate program in which the student is enrolled at this College. No work below a "C" grade taken elsewhere will be credited.

Apply for free online at www.genesee.edu/offices/admissions/apply

Programs with Additional Requirements for Admission

Genesee Community College guarantees acceptance to any applicant who can benefit from an educational program. However, there are additional admission requirements for a handful of programs:

- Engineering Science Program
- Nursing
- Nursing - LPN to RN Advance Placement Program

- Paralegal Studies
- Physical Therapist Assistant
- Polysomnographic Technology
- Respiratory Care
- Veterinary Technology

The special requirements for these programs are detailed below:

Engineering Science Program (Fall acceptance)

Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Engineering Science is selective. Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Engineering Science Program. However, meeting the minimum requirements does not guarantee admission into the Engineering Science Program.

- I. Initial Application Procedures – New, Readmit, and Transfer Students

To be considered for fall acceptance the following processes must be completed before the first day of class:

1. Submit a Genesee Community College Admissions Application. The Admissions Application can be completed online, as noted on the Genesee Community College homepage: www.genesee.edu.
2. Submit high school transcripts or GED information.
3. Submit all college transcripts.

A review of completed applications will take place on a continuing basis as they are received. The Director of Admission will notify applicants regarding their program acceptance. Accepted applicants should accept or decline the offer of admission by returning the Enrollment Confirmation form to the Program Director. Applicants not ready to take calculus will be put into the College's Computerized Drafting and Design Program.

- II. Program Admission

- A. Academic Requirements: New, Transfer, and Readmit Students
To be considered for admission to the Engineering Science Program, the applicant must be ready to take college calculus by placing into it through the College’s placement exam or successfully completing a college pre-calculus course or higher. Completion of one of the following Genesee (or equivalent) college courses is required for admission into the Engineering Science Program:
- MAT140 - Pre-Calculus
 - MAT141 - Calculus 1
 - MAT142 - Calculus 2
 - MAT245 - Calculus 3
 - MAT255 - Differential Equations
- B. Academic Requirements: Continuing Students
1. After successfully completing a Pre-Calculus (or equivalent) course, a student can request a major change to the Engineering Science Program.
 2. A currently enrolled Genesee Community College student must meet with the Program Director to submit a Program Change Request Form before the first day of class for fall admission.

Once admitted to the college, all students should familiarize themselves with Genesee Community College’s Student Code of Conduct. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student’s right to an appeal for disciplinary and academic decisions.

**Nursing Program
(Fall and Spring acceptance)**

Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Nursing Program is selective and competitive. Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Nursing Program. However,

meeting the minimum requirements does not guarantee admission into the Nursing Program.

1. Application Procedures

To be considered for fall acceptance, the following processes must be completed by February 1st; to be considered for spring acceptance, the following processes must be completed by September 1st

- A. Attend a mandatory Nursing Information Session. To schedule, go to the College website, click on Academics, select Healthcare, then Nursing, Admissions at 585-345-6800
- B. Representatives from Admissions and Nursing will be available to provide information and review transcripts. Applications for the Nursing Program will be distributed during these sessions for those students who meet the minimum requirements. Only applicants who have attended a Nursing Information Session will be considered for admission. If an applicant lives outside the Western New York area, he/she should contact the number above for alternate arrangements.
- C. Submit official transcripts from all colleges previously attended.
- D. Submit a Genesee Community College Admissions Application. The Admissions Application can be completed online, as noted on the Genesee Community College homepage: www.genesee.edu. A currently enrolled GCC college student does not need to complete an admissions application. Please note: If you are a current high school senior taking GCC courses for credit, you will need to complete an admissions application.
- E. Submit official high school transcripts or GED information.
- F. Complete placement testing to meet proficiencies in reading, writing and mathematics if required. Please refer to the College website for placement testing and scheduling information if needed.

G. Complete and submit a nursing program change request.

A review of completed applications will commence on the application submission deadline. (If the class is not filled, additional applications will continue to be accepted and reviewed until the class is filled.) During the review process, a weighting system will be applied to rank those applicants who meet eligibility requirements. Written notification of acceptance will be made by the following dates:

- March 15 for Fall Admissions
- October 1 for Spring Admissions

Accepted applicants are required to accept or decline the offer of admission by returning the Enrollment Confirmation form to the Program Director. Failure to submit this form by the stated deadline will result in forfeiture of a position in the Nursing Program.

Accepted applicants must attend an orientation session with the Director of the Nursing program. Accepted applicants will be notified of dates and times of these sessions.

Failure to attend an orientation session will result in forfeiture of the position in the Nursing Program.

If not accepted into the Nursing Program, the applicant must reapply by February 1st for fall acceptance or by September 1st for spring acceptance. Under no circumstances is admission to the program guaranteed. Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Nursing Program is selective and competitive.

Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Nursing Program. However, meeting the minimum requirements does not guarantee admission into the Nursing Program.

2. Program Admission

A. Academic Requirements:

- Possession of a high school diploma or equivalent.

- Overall GPA must be at least 2.0 and will be calculated by including all colleges previously attended.
- A Core GPA, calculated from support courses required for the Nursing Program, of 2.75 or higher. A weighting system will be applied to adjust the Core GPA depending upon how many support course credits have been completed. Students who have just graduated from high school will be considered individually but must have a GPA or equivalent of 2.75 or higher.
- Completion of BIO 104 (Fundamentals of Cell Biology) unless credit for Anatomy & Physiology has been earned OR the New York State Regents Biology exams with a grade of 75 or higher for current high school students.
- CHE 100 (Introduction to Chemistry) with a grade of “C” or higher OR the New York State Regents Chemistry exam, with a grade of 75 or higher or AP Chemistry with an exam grade of 3 or higher. Out-of- state or international students with non-Regents chemistry or biology and students with transfer credit for chemistry and/or biology will be reviewed on an individual basis.
- If previously taken, required support courses must be successfully completed: ENG 101, ENG 102, PSY 101. BIO 152, 153 and 201 must be completed with a grade of “C” or better.
- If previously taken, Anatomy and Physiology and Microbiology courses must be completed with a grade of “C” or better within five years of entrance into the Nursing Program. There is no deadline for BIO 104 or CHE 100.
- Students must meet the GCC Proficiency requirements for reading and math, and the student must place

into ENG 101 prior to being accepted into the program.

- The GCC Nursing Program does not accept applicants who have received a grade of less than a “C” in any two required science courses in the past 5 years or who have received a grade of less than a “C” in a nursing course in another Nursing program.

3. Program Dismissals

Students will be dismissed from the Nursing Program for the following reasons:

A. Academic

- A student who receives less than a “C” in any nursing course or a final grade of “Clinical Failed” in a clinical course will fail that course and be dismissed from the Nursing Program.
- A student receiving less than a grade of 70 in any nursing course will be ineligible for readmission.
- A student who receives a grade of 70-74 in any nursing course or a “Clinical Failed” in any clinical course may repeat only one semester. (Failure of a nursing course and a clinical course in the same semester will be considered one failure. Failure of two courses in different semesters or failure of the same course when repeating it will be considered two failures.) Earning a grade of less than a “C” (between 70-74) or a final grade of “Clinical Failed” in clinical will result in the need to repeat both the co-requisite theory course and clinical course.
- A student who fails more than one nursing or clinical course is permanently ineligible for readmission to the Nursing program.

B. Withdrawal from nursing courses or nursing course pre-requisites.

C. Stepping out of the required sequence of nursing courses (e.g. step out for personal reasons, failing to pass a pre-requisite course with the required grade).

D. Violation of Nursing Program policies as noted in the Nursing Program Student Handbook.

Any students dismissed from the program must reapply.

Once admitted to the college, all students should familiarize themselves with Genesee Community College’s Student Code of Conduct located on the GCC website at the College website, click on Student, then choose Student Handbook. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student’s right to an appeal for disciplinary and academic decisions.

4. Program Readmission

A number of situations may result in dismissal or withdrawal from the Nursing Program (see Dismissal Policy in Nursing Program Student Handbook). If one is dismissed or withdraws from the program and wishes to be readmitted, the student must meet ALL of the following requirements:

A. Requirements

- Have failed no more than one nursing course with a grade of 70 -74. Failure of two nursing courses during the program or one nursing course with a grade of less than 70 results in permanent ineligibility for readmission.
- Have begun the nursing program less than 5 years ago.
- Have a core GPA, calculated from support courses required for the Nursing Program of 2.75 or higher excluding the failed nursing course. Overall GPA must be at least 2.0.
- Must have participated in a required exit meeting with the Nursing Director to discuss readmission, if eligible and if desired, at the time of dismissal / withdrawal.
- Submit a Readmission Request Form to the Nursing Director.

- Requests for readmission for the next semester after course failure must be received by the Nursing Director within 7 business days of posting of final course grades in Blackboard.

A rubric will be used to score applicants for readmission to the Nursing Program.

Readmission is granted on a space available basis. Students are readmitted starting with the highest score until all spaces are filled.

A student readmitted to the program retains any unsatisfactory reports from successfully passed courses (these reports are issued for infractions and/or violations of policy as stated in the Nursing Program Student Handbook).

5. TIME LIMITS FOR COMPLETION OF THE NURSING COURSES

The sequence of nursing courses must be completed within a five-year period from the beginning of the first nursing course.

Nursing – LPN to RN Advance Placement Program

Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program.

However, admission into the Nursing Program is selective and competitive.

Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Nursing Program. However, meeting the minimum requirements does not guarantee admission into the Nursing Program.

1. Application Procedures

To be considered for fall acceptance, the following processes must be completed by January 15; to be considered for spring acceptance the following processes must be completed by June 15th.

- Attend a mandatory Nursing Information Session. To schedule, go to the College website, click on Academics, select Healthcare, then Nursing, or contact Admissions at 585-345-6800. Only applicants who have attended a Nursing

Information Session will be considered for admission.

- Submit official transcripts from all colleges previously attended.
- Submit a Genesee Community College Admissions Application. The Admissions Application can be completed online, as noted on the Genesee Community College homepage: the College website. Currently registered GCC students do not need to submit another Admissions Application.
- Submit official high school transcript or GED information.
- Submit LPN school transcripts.
- Submit a copy of the LPN Nursing license or documentation of scheduled licensure exam.
- Contact the Nursing Admissions Specialist to complete a nursing program change request.
- Complete placement testing in math to meet proficiency if not met through coursework. Please refer to www.genesee.edu for testing and scheduling information.

A review of completed applications will commence on the application submission deadline. (If the class is not filled, additional applications will continue to be accepted and reviewed until the class is filled.) During the review process, a weighting system will be applied to rank those applicants who meet eligibility requirements. Written notification of conditional acceptance will be made by the following dates:

- February 1 for fall admissions
- July 15 for spring admissions

Accepted applicants are required to accept or decline the offer of conditional admission by returning the Enrollment Confirmation form to the Program Director. Failure to submit this form by the stated deadline will result in forfeiture of a position in the Nursing program.

Applicants who accept the offer of conditional admission will be registered for N130 and N131 by Nursing Faculty. Satisfactory completion of these courses is required for admission into the LPN to RN Advance Placement Program.

Accepted applicants must attend an orientation session with the Director of the Nursing program. Accepted applicants will be notified of dates and times of these sessions. Failure to attend an orientation session will result in forfeiture of the position in the Nursing program.

If not accepted into the Nursing program, the applicant can reapply by January 15 for fall acceptance or by June 15th for spring acceptance. Under no circumstances is admission to the program guaranteed. Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Nursing program is selective and competitive.

Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Nursing program. However, meeting the minimum requirements does not guarantee admission into the Nursing Program.

2. Program Admission

A. Academic Requirements

- Possession of a high school diploma or equivalent.
- Core GPA, calculated from support courses required for the Nursing Program, of 2.75 or higher. Overall GPA must be at least 2.0 from all colleges previously attended, including GCC.
- Completion of CHE 100 (Introduction to Chemistry) with a grade of “C” or higher OR the New York State Regents Chemistry exam with a grade of 75 or higher OR AP Chemistry with an exam grade of 3 or higher. Out-of-state or international students with non-Regents chemistry or students with transfer credit for chemistry will be reviewed on an individual basis.

- The following required support courses must be successfully completed: ENG 101, ENG 102, PSY 101. BIO 152 and 153 must be completed with a grade of “C” or better.
- If previously taken, Anatomy & Physiology and Microbiology courses must be completed with a grade of “C” or better within 5 years of entrance into the Nursing program. There is no 5 year time limit for BIO 104 or CHE 100.
- Students must meet the GCC proficiency requirement in math.
- The GCC Nursing Program does not accept applicants who have received a grade of less than a “C” in any two required science courses in the past 5 years or who have received a grade of less than a “C” in a nursing course in a Nursing program since LPN licensure. Applicants who have received a grade of less than a “C” in two nursing courses in another Nursing program are permanently ineligible for admission regardless of when those grades were earned.

Once admitted to the College, all students should familiarize themselves with Genesee Community College’s Student Code of Conduct located on the GCC website at the College website, click on Student, then choose Student Handbook. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student’s right to an appeal for disciplinary and academic decisions.

3. Program Dismissals

Students will be dismissed from the Nursing Program for the following reasons:

A. Academic

- A student who receives less than a “C” in any nursing course or a final grade of “Clinical Failed” in a clinical course

will fail that course and be dismissed from the Nursing Program.

- A student receiving less than a grade of 70 in any nursing course will be ineligible for readmission.
- A student who receives a grade of 70-74 in any nursing course or an “Clinical Failed” in any clinical course may repeat only one semester. (Failure of a nursing course and a clinical course in the same semester will be considered one failure. Failure of two courses in different semesters or failure of the same course when repeating it will be considered two failures.) Earning a grade of less than a “C” (between 70-74) or a final grade of “Clinical Failed” in clinical will result in the need to repeat both the co-requisite theory course and clinical course.
- A student who fails more than one nursing or clinical course is permanently ineligible for readmission to the Nursing program.

- B. Withdrawal from nursing courses or nursing course pre-requisites.
- C. Stepping out of the required sequence of nursing courses (e.g. step out for personal reasons, failing to pass a pre-requisite course with the required grade).
- D. Violation of Nursing Program policies as noted in the Nursing Program Student Handbook.

Any students dismissed from the program must reapply.

4. Program Readmission

A number of situations may result in dismissal or withdrawal from the Nursing Program (see Dismissal Policy in Nursing Program Student Handbook). If one is dismissed or withdraws from the program and wishes to be readmitted, the student must meet all of the following requirements:

- A. Requirements

- Have failed no more than one nursing course with a grade of 70 -74. Failure of two nursing courses during the program or one nursing course with a grade of less than 70 results in permanent ineligibility for readmission.
- Have begun the nursing program less than 5 years ago.
- Have a core GPA, calculated from support courses required for the Nursing Program of 2.75 or greater excluding the failed nursing course. Overall GPA must be at least 2.0.
- Must have participated in a required exit meeting with the Nursing Director to discuss readmission, if eligible and if desired, at the time of dismissal/withdrawal.
- Submit a Readmission Request Form to the Nursing Director.
- Requests for readmission for the next semester after course failure must be received by the Nursing Director within 7 business days of posting of final course grades in Blackboard.

A rubric will be used to score applicants for readmission to the Nursing Program.

Readmission is granted on a space available basis. Students are readmitted starting with the highest score until all spaces are filled.

A student readmitted to the program retains any unsatisfactory reports from successfully passed courses (these reports are issued for infractions and/or violations of policy as stated in the Nursing Program Student Handbook).

5. TIME LIMITS FOR COMPLETION OF THE NURSING COURSES

The sequence of nursing courses must be completed within a five–year period from the beginning of the first nursing course.

Paralegal Studies

Genesee Community College guarantees acceptance to the College to any applicant whom it determines can benefit from an educational program. However, admission into

the Paralegal Studies Program is selective. As a result, students should note the special admission criteria established for admission into the Program. Students will be admitted to the Program each term.

Admission to the Paralegal Studies Program may be accomplished by applying either as a new applicant or as an internal or external transfer applicant. Readmission procedures also have been established and are set forth below.

I. New Applicants

1. Definition. A new applicant is a student applying to the College and the Paralegal Studies Program for the first time or who has completed less than 12 credit hours of college-level work and is applying to the Paralegal Studies Program. Applicants must possess a high school diploma or the equivalent before being admitted into the Paralegal Studies Program.
2. Qualifications. All new applicants should have the following qualifications:
 - a. Satisfactory completion of two years of high school math and two years of high school science. Two years of a foreign language are strongly recommended;
 - b. Completion of all pretesting as required by the College prior to admission, including tests from Math, Reading and English placement;
 - c. A grade point average of B in high school course work or a ranking in the top quarter of the applicant's high school graduating class;
 - d. A minimum 2.50 GPA on college courses that are to be credited toward the Paralegal Studies A.A.S. degree; and
 - e. If the above criteria (A.2a-d) are not met the following factors may be considered for admission: college entrance test scores; work experience in a legal environment; or a written examination as set forth below in C.1.

II. Transfer Applicants

1. Definition. A transfer applicant is a student who attended Genesee Community College or other postsecondary institution since being graduated from high school or receiving a diploma equivalent to a high school diploma, and who has completed 12 or more hours of college-level work.
2. Qualifications. All transfer applicants must meet the following requirements:
 - a. A minimum 2.50 GPA for courses that are to be credited toward the
 - b. Paralegal Studies A.A.S. degree;
 - c. Completion of all pretesting as required by the College prior to admission, including tests for Math, Reading and English placement; and
 - d. If the above criteria (B.2a-b) are not met the following factors may be considered for admission: college entrance test scores; work experience in a legal environment; or a written examination as set forth below in C.1.

III. Application Procedures

1. Application must be made to the Admissions Office. If the applicant does not satisfy the above stated qualifications, s/he can elect to take a short written examination that will be assessed by the Director of the Program. This examination is designed to provide students with the opportunity to present a brief essay on a current topic. The students will be assessed on their abilities to organize their thoughts, to write clearly and concisely, and to demonstrate effective use of grammar and spelling.
2. Notification of acceptance will be made by the Admissions Office.
3. Accepted applicants are required to notify the Admissions Office if they intend to enter the Program.

IV. Time Limits for Completion of the Paralegal Studies Program

The sequence of paralegal courses must be completed within a six-year period

from the time the first PLG course is completed.

V. Repeating A Paralegal Course

Permission to repeat a paralegal course is not an automatic process and will be considered only after the Paralegal faculty and Director review the applicant's academic record. The Paralegal faculty reserves the right to require a student to repeat any course which has undergone significant curriculum revision prior to the student's successful completion of the program when the original course was taken more than four years earlier. A student may repeat a course only once.

VI. Re-Entry into the Paralegal Studies Program

A student withdrawing from the Paralegal Studies Program may apply for re-entry into the program. Students that have satisfactorily met all Paralegal Studies Program requirements for courses they have completed will be given preference over students seeking to repeat a course. The time limits for completion of the Paralegal Studies Program apply to persons re-entering the program and to persons seeking to repeat courses.

Once admitted to the college, all students should familiarize themselves with Genesee Community College's Student Code of Conduct. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student's right to an appeal for disciplinary and academic decisions.

Physical Therapist Assistant

I. INITIAL ADMISSION PROCEDURE

A. Overview and Timeframes

Genesee Community College accepts applicants whom it determines can benefit from an educational program. However, admission into the Physical Therapist Assistant (PTA) program is competitive and therefore selective. Applicants who have submitted a complete application

and have a competitive academic background in math, biology, and chemistry and/or physics, will be offered acceptance into the PTA program according to their academic prerequisite score until the class and wait lists are full. Thirty (30) students are admitted for the class starting in the fall term. No new first-time applicant will be admitted to start taking PTA courses in the spring term. Evaluations of applications will begin on January 15 of each year. A second review of applications will occur on June 1st if space remains in the class or wait list after the January 15th review of applications.

An application to the program is complete when the following items have been submitted to the Genesee Community College Admissions office:

- GCC application specifying PTA as curriculum of choice (NOTE: Internal PTA Program application for students currently enrolled at GCC)
- Official High School transcripts
- Official college transcripts that (s)he attended in the past
- PTA Program Volunteer/Work Experience form documenting at least 20 hours with Recommendation by a PT or PTA, current within the past 2 years
- Met reading, math and English proficiency requirements at GCC
- Has a minimum GPA of 2.0 at GCC
- Completion of BIO 104 (Cell Biology) or higher (BIO 152 and/or BIO 153) course, or equivalent course at another college, with grade of 'C' or higher and within the past five years
- Completion of math, preferably algebra based, with grade of 'C' or higher
- Completion of chemistry, or physics, with grade of 'C' or higher

B. Admission Process

A competitive applicant should complete his/her academic prerequisites in math, biology, chemistry and/or physics by the end of the fall term in order to submit a complete application by the January 15th application deadline. Each complete application is evaluated by the PTA Program Admissions Committee and is assigned an academic prerequisite score based on grades earned in the following areas: math, biology (within past 5 years and at Cell Biology level or higher) and chemistry (or physics). A higher score is assigned to applicants who earn higher grades in more academically difficult courses. Applications will be ranked according to their academic prerequisite scores after each application deadline, which is January 15 and June 1.

Preference will be given to those applicants with higher academic prerequisite scores. If applicants have the same academic prerequisite score, then applicants residing in Genesee, Livingston, Orleans or Wyoming (GLOW) counties will be given preference over applicants who do not reside in the GLOW region. Competitive applicants will be offered full acceptances until the class of 30 is full. After that point, competitive applicants will be offered wait list acceptances until the wait list of 25 is full. The wait list will not carry over into the next year.

C. Types of Applicants and Transcripts to Submit

Admission to the PTA program may be accomplished by applying either as a high school or a college applicant. High school applicants are those applicants who are currently attending high school at the time of their application. These applicants

should submit high school transcripts with midterm grades of classes in progress at the time of application.

College applicants are those applicants who are not currently attending high school at the time of their application. This would include students who have either attended college or those who have not had any college experience since having graduated from high school. College applicants should submit their transcripts from high school and all colleges attended other than Genesee Community College.

D. Academic Criteria

In order to select applicants who are academically prepared for the PTA courses, specific academic criteria for admission have been established. An academic prerequisite score is determined by adding points from each of the three areas: biology, math and chemistry or physics. A higher score is assigned to applicants who earn a higher grade in a course that is above the standard level of difficulty.

1. Prerequisite Coursework at the Standard Level of Difficulty

Applicant's grades in academic prerequisites that are at the standard level of difficulty will be multiplied by 1.0 to produce an equivalent score. Examples of academic prerequisites at the standard level of difficulty are as follows:

- a. Biology – BIO 104 (Cell Biology) at Genesee Community College (GCC) or an equivalent course from another college. All biology prerequisites must have been completed within the past five years from the application deadline date.
- b. Math – MAT 092 (Algebra 1) at GCC, an equivalent course from another

- college or grade earned on high school Algebra 2 Regents exam.
- c. Chemistry and/or Physics – CHEM 100 (Introduction to Chemistry) at GCC, an equivalent course from another college, or grade earned on high school chemistry regents exam. Another option is PHY 100 (How Things Work) at GCC, an equivalent course from another college or grade earned on high school physics regents exam.

Only courses with a grade of 'C' or higher will be considered as fulfillment of an academic prerequisite. High school grades in the 90's are considered an 'A,' 80's a 'B,' and 70's a 'C.'

EXAMPLE #1

PREREQUISITE COURSEWORK:

Course	Grade	Difficulty	Score
BIO 104	B = 3	x1 =	3.0
MAT 092	B = 3	x1 =	3.0
CHEM 100	B = 3	x1 =	+3.0
Total Score			9.0

As can be seen in Example #1, a grade of 'B' in each of the standard level difficulty courses would produce a total academic prerequisite score of 9.0.

2. Prerequisite Coursework that is Above or Below the Standard Level of Difficulty
- Applicant's grades in academic prerequisites that are above the standard level of difficulty will be multiplied by 1.5 to produce an equivalent score. Examples of academic prerequisites that are above the standard level of difficulty are as follows:
- Biology - BIO 152 and 153 (Anatomy and Physiology 1 and 2) at GCC, or equivalent courses from another college.
 - Math - Advanced Placement Math in high school, MAT 121 (Technical Math 1) at GCC, or an equivalent course from another college.

- Chemistry - Advanced Placement Chemistry in high school, CHE 101 (General Chemistry 1) at GCC, or an equivalent course from another college.
- Physics - Advanced Placement Physics in high school, PHY 121 (College Physics 1) at GCC, or an equivalent course from another college.

Applicant's grades in academic prerequisites that are below the standard level of difficulty will be multiplied by 0.75 to produce an equivalent score. High school non-regents courses are considered to be below the standard level of difficulty.

EXAMPLE #2

PREREQUISITE COURSEWORK:

Course	Grade	Difficulty	Score
BIO 152	C = 2	x1.5 =	3.0
MAT 092	B = 3	x1.0 =	3.0
Non-regents Chemistry/Physics	A = 4	x0.75 =	+3.0
Total Score			9.0

As can be seen in Example #2, a higher grade in a less difficult level course would produce an equivalent score. For instance, a grade of 'A' in non-Regents chemistry would earn a point value of 3 since 'A,' or 4, multiplied by 0.75 (less than standard level difficulty course) is equal to 3. A lower grade in a more difficult level course would also produce a similar score. For instance, a grade of 'C' in BIO 152 would earn a point value of 3 since 'C,' or 2, multiplied by 1.5 (greater than standard level difficulty course) is equal to 3.

A minimum academic prerequisite score of 9.0 is required for an applicant to be considered a qualified applicant. Qualified applicants who have met the January 15th application deadline will be ranked and those with higher academic prerequisite scores will be considered more competitive than applicants with a lower score.

When spots in the program are limited due to a large applicant pool and there are more qualified applicants than available spots, then spots will be offered to the most competitive applicants first according to the ranking of their academic prerequisite scores.

E. Time Limits on Academic Prerequisites
There is no time limit for the math, chemistry or physics prerequisite; however, the biology prerequisite course must have been completed within five years prior to application to the program.

F. Additional Considerations
If there are several applicants who have the same prerequisite scores, then the applicants who are residents of the GLOW counties (Genesee, Livingston, Orleans and Wyoming) will be given preference over residents from other counties.

G. Acceptances to the College and PTA Program
Applicants will receive either a full acceptance to the PTA program, a wait list acceptance to the PTA program, or admission to the College.

A full acceptance is one in which the applicant has met all the admission criteria and has submitted a competitive application with a higher academic prerequisite score. After receiving an acceptance letter from the Admissions Office, the fully accepted applicant will respond by registering for their fall semester classes to confirm his or her intention to attend Genesee Community College in the fall. These applicants will be notified of the orientation sessions in which they will be expected to register for fall classes if they haven't already registered.

A wait-list acceptance is one in which the applicant has met all the admission criteria and has submitted a competitive application but the class is already full. Qualified applicants with higher academic prerequisite scores will be given preference over those with lower scores. The first 25 competitive applicants in this situation would be offered a wait-list acceptance. If an applicant who received a full acceptance withdraws at a later date, then the person at the top of the wait list will be offered a full acceptance. If the admissions committee is unable to convert an applicant's wait-list acceptance into a full acceptance prior to the start of the fall term classes, then the applicant will need to start over by reapplying before January 15 of the next year. It is recommended that those on the wait list take courses, such as BIO 152 and 153 or its equivalent, to increase their academic prerequisite score before reapplying.

Applicants who are not accepted for the PTA program will be offered admission to Genesee Community College in another program. Unaccepted applicants who elect to pursue their interest in PTA will be advised to enroll in the Health Studies certificate program. Individuals selecting this option may reapply for admission to the PTA program by submitting an internal transfer application. Successful experience in the Health Studies program does not guarantee admission into the PTA program. This option will allow an applicant to take some of the courses supportive to the PTA program while working toward meeting the admission requirements.

Once admitted to the college, all students should familiarize themselves with Genesee Community College's Student Code of Conduct. In addition

to explaining the behavioral and academic expectations of GCC students, this document outlines the student's right to an appeal for disciplinary and academic decisions.

II. TIME LIMITS FOR COMPLETION OF THE PTA COURSES

The sequence of PTA courses must be completed within five years after completing PTA 101.

III. REQUIREMENTS FOR CONTINUING ENROLLMENT IN THE PTA PROGRAM

Students must earn a grade of "C" or higher in all courses which are directly applicable to the PTA program (such as courses beginning with a PTA, BIO or MAT prefix) and at least a 2.0 GPA in all courses which are required in the PTA program in order to maintain enrollment in the PTA curriculum.

IV. READMISSION INTO THE PTA PROGRAM

In the event that a student does not meet the requirements to continue in the PTA program, a student may apply for readmission into the PTA program. Readmission to the PTA program is not automatic, nor guaranteed. A student's request for readmission will be considered only after the applicant has had an exit interview with the program director and submitted a letter requesting readmission. An applicant's letter should identify the reasons for his or her inability to continue in the program and propose a realistic plan of action to address effectively the area(s) of concern. The letter and interview requirements need to be met by December 1 for reacceptance into the spring term, and May 1 for reacceptance into the fall term. Under no circumstances is readmission into the PTA program guaranteed, but it will be offered on a space available basis to worthy

candidates.

The program director will notify the candidate of the reacceptance status by phone after the conclusion of the term in which he or she has applied. The program director will send the applicant a written acknowledgement of changes in the applicant's reacceptance status prior to the beginning of the new term.

Upon readmission to the PTA program, students are expected to perform at the same level as continuing students in the clinical and academic portions of the curriculum. The returning student is responsible to review materials from previous courses to ensure an entry level similar to that of other students beginning the course. Upon reentry into the PTA course sequence, students will be required to retake the course(s) in which they previously earned a grade of less than a "C." Students are permitted to repeat a PTA course only once throughout the entire PTA curriculum.

Polysomnographic Technology (Fall acceptance)

Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Polysomnographic Technology Program is selective.

Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Polysomnographic Technology Program. However, meeting the minimum requirements does not guarantee admission into the Polysomnographic Technology Program.

I. Initial Application Procedure

To be considered for fall acceptance the following processes must be completed:

1. Submit a Genesee Community College Admissions Application. The Admissions Application can be completed online, as noted on the Genesee Community College homepage: www.genesee.edu.
2. Submit high school transcripts or GED information.
3. Submit all college transcripts.

A review of completed applications will commence on January 15th and will continue until the class is full for the upcoming fall semester. The Admissions Office will notify applicants regarding their program acceptance.

Accepted applicants are required to accept or decline the offer of admission by returning the Enrollment Confirmation form to the Program Director. Failure to submit this form within 15 days of receipt may result in forfeiture of a position in the Polysomnographic Technology Program.

If not accepted into the Polysomnographic Technology Program, the applicant must reapply for fall admission of the following year. Under no circumstances is admission to the program guaranteed.

II. Program Requirements

Once the application process is complete, a prospective student will have an initial program advisement meeting with the Director of the Polysomnographic Technology Program to discuss the field, career opportunities and the program requirements.

Please note that all students enrolled in the PSG program must have a current Basic Cardiac Life Support (BCLS) certification before beginning their clinical rotations. It is strongly advised that students complete the certification as early in the application process as feasible.

CPR certification must be for 2 years in

length and must be current for 6 months after graduation from the Polysomnographic Technology (PSG) program in order to be eligible for the RPSGT exam.

III. Program Admission – New Applicants, Transfer Applicants, and Continuing Student Applicants (currently enrolled students)

A. Academic Requirements:

1. Possession of a high school diploma or equivalent
2. Completion of BIO104 (Cell Biology) with a “C” or better or Advanced Placement Biology in high school
3. Meet the College math proficiency
4. Completion of ENG091 and/or ENG100 with a “C” or better or satisfactory completion of the writing skills exam for placement into ENG101
5. Completion of REA101 with a “C” or better or having met the College reading competency

IV. Requirements for Continuing Enrollment in the PSG program

Students must earn a “C” or higher in all PSG courses and maintain at least a 2.0 GPA in order to maintain enrollment in the PSG program.

Once admitted to the college, all students should familiarize themselves with Genesee Community College’s Student Code of Conduct. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student’s right to an appeal for disciplinary and academic decisions.

Respiratory Care (Fall acceptance)

Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Respiratory Care Program is selective.

Meeting all the minimum requirements assures that an applicant will be reviewed for admission

into the Respiratory Care Program. However, meeting the minimum requirements does not guarantee admission into the Respiratory Care Program.

I. Initial Application Procedures – New, Readmit, and Transfer Students

To be considered for fall acceptance the following processes must be completed by January 15th:

1. Submit a Genesee Community College Admissions Application. The Admissions Application can be completed online, as noted on the Genesee Community College homepage: www.genesee.edu.
2. Submit high school transcripts or GED information.
3. Submit all college transcripts.
4. Submit a Respiratory Care Program Application, as noted on the program's website

A review of completed applications will commence on the application submission deadline. (If the class is not filled, additional applications will continue to be accepted and reviewed until the class is filled.) During the review process, a weighting system will be applied to rank those applicants who meet eligibility requirements. Preference will be given to those applicants with higher academic prerequisite scores. Written notification of acceptance will be made by March 1st.

Accepted applicants are required to accept or decline the offer of admission by returning the Enrollment Confirmation form to the Program Director. Failure to submit this form by the stated deadline will result in forfeiture of a position in the Respiratory Care Program.

Accepted applicants must attend an orientation session with the Director of the Respiratory Care program. Accepted

applicants will be notified of dates and times of these sessions. Failure to attend an orientation session will result in forfeiture of the position in the Respiratory Care Program.

If not accepted into the Respiratory Care Program, applicants must reapply by January 15th of the following year for reconsideration. Waitlists do not carry over year to year and under no circumstances is admission to the program guaranteed.

II. Program Admission

The prerequisites to be met prior to admissions to the Respiratory Care Program are:

1. Possession of a high school diploma or equivalent.
2. Overall GPA must be at least 2.0. Students who have just graduated from high school will be considered individually.
3. Completion of BIO 104 (Fundamentals of Cell Biology) and CHE 100 (Environmental Chemistry) with a grade of "C" or higher OR the New York State Regents Biology and Chemistry exams, with a grade of 75 or higher. Out-of-state or international students with non-Regents chemistry or biology will be reviewed on an individual basis.
4. If previously taken, Anatomy and Physiology courses must be completed within five years of entrance into the Respiratory Care Program. There is no deadline for BIO 104 or CHE 100.
5. Students must complete the GCC placement tests for Reading, Writing and Mathematics. The GCC Proficiency for Reading and Math must be met and the student must place in ENG 101 prior to being accepted into the program. Please refer to

www.genesee.edu for testing and scheduling information.

III. Dismissals

Students will be dismissed from the Respiratory Care Program for the following reasons:

1. Academic. A student who receives less than a “C” in any respiratory care course will fail that course and be dismissed from the Respiratory Care Program.
2. Withdrawal
3. Stepping out of the required sequence.
4. Violation of Respiratory Care Program policies as noted in the Respiratory Care Program Student Handbook.

Any students dismissed from the program must reapply.

Once admitted to the college, all students should familiarize themselves with Genesee Community College’s Student Code of Conduct. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student’s right to an appeal for disciplinary and academic decisions.

IV. Time Limits for Completion

The sequence of respiratory care courses must be completed within a five–year period from the beginning of the first respiratory care course.

Veterinary Technology (Fall only acceptance)

Genesee Community College guarantees acceptance into the College to any applicant who can benefit from an educational program. However, admission into the Veterinary Technology program is competitive and therefore selective.

Meeting all of the minimum requirements assures that an applicant will be reviewed for admission into the Veterinary Technology program. However meeting the minimum requirements does not guarantee admission into the Veterinary Technology Program.

A class of 24 students will be admitted for the class starting in the Fall semester. Evaluations of applications will begin after January 15th of each year and will continue until the class is filled. Each application is evaluated by the Veterinary Technology Admissions Committee after the applicant has submitted the College Application and all necessary transcripts (high school and College).

I. Initial Application Procedure

To be considered for Fall acceptance the following processes must be completed by January 15th:

1. Submit a Genesee Community College Admissions Application. The Admissions Application can be completed online as noted on the Genesee Community College homepage: www.genesee.edu.
2. Submit high school transcripts or GED information.
3. Submit all college transcripts.
4. Students must attend an information session. The time and location of the session may be obtained by calling the Vet Tech Program office at 585-343-0055 extension 6185 or by visiting: www.genesee.edu/academics/programs/Health/vettech/. If an applicant lives outside the Western New York area, he/she should also contact the Vet Tech program office for more information.

Ten hours of volunteer or work experience in a veterinary clinic, humane society, zoo, or other animal-related environment is required for the Vet Tech program and a completed volunteer/work experience recommendation form is needed by the first day of classes.

A weighting system will be applied to rank those applicants who meet eligibility requirements and a waiting list will be created. The student will receive written

notification of acceptance by the Admissions office.

If not accepted into the Veterinary Technology program, the applicant must reapply by the January 15th deadline for Fall admission of the following year. Late applicants will be given consideration at the discretion of the Program Director depending on the number of eligible students and class enrollment.

II. Program Admission-New Applicants

A. Academic Requirements

1. Possession of a high school diploma or equivalent.
2. Attend a Vet Tech information session.
3. Completion of CHE 100 (Introduction to Chemistry) with a grade of “C” or better.
4. Completion of AP Biology with a score of 3 or higher OR Regents Biology with an exam grade of 75 or higher OR BIO 104 (Fundamentals of Cell Biology) with a grade of “C” or better.
5. All Biology courses are to be completed within 5 years of admission.
6. The GCC proficiency for Reading and Math must have been met and the student must place in ENG 101 or higher. The required Genesee Community College proficiency exams may be scheduled by calling 585-343-0055 extension 6354. ACT scores may also be utilized in place of proficiency exams.
7. An applicant possessing a Baccalaureate or Master’s degree will be considered on an individual basis.

III. Program Admission-Transfer Applicants

A. Academic Requirements

1. Possession of a high school diploma or equivalent.
2. Attend a Vet Tech information session.

3. Completion of CHE 100 (Introduction to Chemistry) or equivalent college chemistry with a grade of “C” or better.
4. Completion of AP biology with a score of 3 or higher OR Regents Biology with an exam grade of 75 or higher OR BIO 104 (Fundamentals of Cell Biology) with a grade of “C” or better.
5. All Biology courses are to be completed within 5 years of admission.
6. The GCC Proficiency for Reading and Math must be met and the student must place in ENG 101 or higher. The required Genesee Community College proficiency exams may be scheduled by calling 585-343-0055 extension 6354. ACT scores may also be utilized in place of proficiency exams.
7. An Applicant possessing a Baccalaureate or Master’s degree will be considered on an individual basis.

IV. Program Admission-Readmission to the program

A. Academic requirements

In the event that a student does not meet the requirements to continue in the Vet Tech program, the student may apply for readmission. Readmission into the Vet Tech program is neither automatic nor guaranteed, and a student may only be readmitted once. A student’s request for readmission will be considered only after the applicant has had an exit interview with the Program Director and has submitted a letter requesting readmission. An applicant’s letter should identify the reasons for his/her inability to continue in the program and propose a realistic plan of action to address effectively the area of concern. The letter and interview requirements need to be met by December 1 for reacceptance into the spring semester and May 1 for reacceptance into the fall semester. Readmission to the Veterinary Technology is based upon the

recommendation of the Veterinary Technology faculty and space availability. To be eligible for readmission, the student must be in good academic standing.

change of major form will be forwarded by the Director to the Advisement office where the curriculum code will be updated to the Vet Tech code.

V. Program Admission-Continuing Student Applicants (currently enrolled students)

To be considered for fall acceptance the following processes must be completed by January 15th

A. Academic Requirements

1. Possession of a high school diploma or equivalent.
2. Attend a Vet Tech Information session.
3. Completion of CHE 100 (Introduction to Chemistry) with a grade of “C” or better.
4. Completion of AP biology with a score of 3 or higher OR Regents Biology with an exam grade of 75 or higher OR BIO 104 (Fundamentals of Cell Biology) with a grade of “C” or better.
5. All Biology courses are to be completed within 5 years of admission.
6. The GCC Proficiency for Reading and Math must be met and the student must place in ENG 101 or higher. The required Genesee Community College proficiency exams may be scheduled by calling 585-343-0055 extension 6354. ACT scores may also be utilized in place of proficiency exams.
7. An applicant possessing a baccalaureate or master’s degree will be considered on an individual basis.

Once admitted to the college, all students should familiarize themselves with Genesee Community College’s Student Code of Conduct. In addition to explaining the behavioral and academic expectations of GCC students, this document outlines the student’s right to an appeal for disciplinary and academic decisions.

VII. Requirements for Continuing Enrollment in the Veterinary Technology Program

Students must earn a grade of “C” or higher in all VET courses and in BIO103 and maintain at least a 2.0 GPA in all courses which are required in the Vet Tech program in order to maintain enrollment in the Vet Tech program.

VIII. Time limits for completion of the Veterinary Technology courses

The sequence of Veterinary Technology courses must be completed within a five-year period from the beginning of first veterinary technology course.

VI. Application procedure

When a currently enrolled Genesee Community college student is accepted into the Vet Tech Program, the program director will generate a Restricted major and Advisor change form with the director’s dated signature and terms of acceptance by June 1 for the fall term. The change of major form will include the accepted student’s dated signature. The

ARTICULATION AGREEMENTS

Genesee Community College has different types of articulation agreements with a variety of four-year institutions, allowing you to easily transfer after graduation. An Articulation Agreement is an agreement that has been made between GCC and a four-year institution. It is designed to allow GCC students who complete their degree to transfer into a parallel program at the four-year college with full junior status. GCC has articulation agreements with the following institutions:

SUNY Institutions:

As part of the SUNY to SUNY Advantage, students earning an A.A. or A.S. degree and who have been accepted into parallel programs at a four year SUNY campus will receive full junior standing. In addition to programs covered under the SUNY to SUNY Advantage, GCC offers a number of additional articulations with institutions within the SUNY system. These agreements exist for A.A., A.S. and A.A.S. degrees, for details on these agreements please contact the Transfer Coordinator located in the Student Success Center at the Batavia Campus. For more details on the SUNY to SUNY Advantage visit: www.suny.edu/attend/get-started/transfer-students/suny-transfer-policies/

- Alfred State College
- Buffalo State College
- College at Brockport
- College of Environmental Science & Forestry
- Empire State College
- Fashion Institute of Technology
- SUNY Canton
- SUNY Cobleskill
- SUNY Delhi
- SUNY Genesee
- SUNY Upstate Medical
- University at Buffalo

Private Institutions:

- Argosy University
- Art Institute of Pittsburgh
- Bryant and Stratton
- Canisius College
- Cazenovia College
- Chamberlain College of Nursing
- Daemen College
- Excelsior College
- Houghton College
- LIM College
- Niagara University
- Roberts Wesleyan College
- Rochester Institute of Technology
- St. John Fisher College
- University of Rochester

Transfer Pathway Programs

A Transfer Pathway Program (also sometimes referred to as a Dual Admissions agreement) is a unique method for transferring to a four-year school and completing a baccalaureate degree. It is designed for first-time, full-time students who know:

- The associate degree they want from GCC
- What four-year degree they want
- Where they want to earn that four-year degree

Students are accepted into the program at the start of their freshman year or generally before earning 30 credits. Upon earning an associate's degree at GCC, the student begins immediately at the baccalaureate degree granting institution with full junior status (provided certain academic standards are fulfilled at both GCC and the 4-year institution).

Only certain academic degrees at both GCC and area four-year institutions are part of this program:

SUNY Brockport

Accounting
 Arts for Children
 Art Studio
 Biology
 Business Administration
 Chemistry
 Childhood Certification*
 Communication
 Computer Information Systems
 Computer Science
 Criminal Justice
 Earth Science
 Environmental Science
 English
 Healthcare Studies
 History
 International Business
 Journalism
 Mathematics
 Meteorology

Philosophy
Physical Education
Physical Education (K-12)
Physics
Political Science
Psychology
Public Health & Health Education
Recreation & Leisure
Social Work
Sociology
Spanish
Theatre

Certification Programs require additional application; students seeking education certification must complete an appropriate academic major in addition to their certification program:

Childhood Certification 1-6
Adolescence Education: 5 – 12
(Biology, Chemistry, Earth Science, English, French, Mathematics, Social Studies, Spanish)

TERMS AND CONDITIONS: TERMS AND CONDITIONS: All majors within The School of Business (Accounting, Business Administration, and International Business) must meet a 2.5 in specified prerequisite courses, with no grade below C-. Social Work majors must meet 2.5 in specified prerequisite courses, with no grade below C-, and all certification programs must have a cumulative 3.0 GPA. Certification programs may take additional semesters to complete. The minimum GPA requirement for all other degree programs included in this agreement is 2.50. The transfer agreement will be null in void if participants do not maintain the minimum GPA at GCC.

SUNY Buffalo State College

Art Education
Biology
Ceramics
Chemistry
Childhood Education
Computer Information Systems

Criminal Justice
Early Childhood Education: Birth - Grade 2
Economics
Electrical Engineering Technology: Smart Grid
Family & Consumer Science Education
Fashion Textile & Technology
Fibers
Fine Art
Geology
History
Hospitality Administration
International Relations
Math Education (7-12)
Mathematics
Metals/Jewelry
Music
Music Education
Political Science
Social Studies Education (7-12)
Social Work
Theatre
Urban and Regional Analysis and Planning
Wood/Furniture

TERMS AND CONDITIONS: The minimum GCC GPA after two years for students who wish to matriculate at Buffalo State in the baccalaureate degree at programs included in this agreement depends upon the particular major. Students entering programs involving special certification and licensing may need more than four semesters of full-time study to complete these additional requirements.

SUNY University at Buffalo

Anthropology: Pre-Med, Pre-Dental
Biotechnology
Business Administration
Business Administration: Accounting
Legal Studies
Pharmacy

TERMS AND CONDITIONS: The minimum GCC GPA after two years for students who wish to matriculate at the University at Buffalo in the baccalaureate degree at programs included in this agreement depends upon the particular

major. Students entering in Biotechnology must complete pre-requirements with a 2.8 or higher. Students entering in Social Interdisciplinary: Legal Studies must achieve a 2.0 recomputed GPA overall. A limited number of spaces are available to students wishing to enter into the Pharmacy program, in which a 3.5 must be achieved to remain eligible. The Dual Admissions agreement will be null and void if the participant does not maintain the minimum GPA at GCC.

Canisius College

Accounting
 Animal Behavior, Ecology & Conservation
 Biochemistry
 Biology
 Chemistry
 Creative Writing
 Criminal Justice
 Digital Media Art
 Economics
 English
 Entrepreneurship
 Finance
 Human Services
 International Business
 Management
 Marketing
 Psychology
 Sociology

TERMS AND CONDITIONS: The minimum G.C.C. GPA after two years for students who wish to matriculate in the baccalaureate degree programs included in this agreement is 2.0. The Dual Admissions agreement will be null in void if the participant does not maintain the minimum GPA at G.C.C.

Daemen College

Accounting
 Business Administration
 Natural Science: Health Science Specialization
 Nursing
 Paralegal Studies

TERMS AND CONDITIONS: The minimum GCC GPA after two years for students who wish to matriculate at Daemen College in the baccalaureate degree at programs included in this agreement depends upon the particular major. In no instance shall a student graduating with an associate’s degree from GCC be expected to meet a higher GPA than any other Daemen transfer student.

SUNY Genesee

Accounting
 American Studies
 Anthropology
 Biochemistry
 Chemistry*
 Childhood Education
 Communication
 Comparative Literature
 Early Childhood Education
 Economics*
 English*
 Geophysics
 History*
 Mathematics*
 Music
 Philosophy
 Physics*
 Political Science
 Psychology
 Sociology
 Spanish
 Theatre/English Theatre
 *Secondary (7-12) Certification Options

TERMS AND CONDITIONS: The minimum GCC GPA after two years for students who wish to matriculate at SUNY Genesee in the baccalaureate degree programs included in this agreement is 3.0. The transfer agreement will be null and void if the participant does not maintain the minimum GPA at GCC. All certification programs may take additional semesters to complete.

Niagara University

Accounting

Art History/Museum Studies
Biochemistry
Biology
Biotechnology
Chemistry
Communication Studies
Computer Information Systems
Criminology/Criminal Justice
Economics
Education, Birth – 6
Education, 1 – 9
Education, 5 – 12 (English, Math & Social Studies)
Special Education & Childhood, 1 -6
TESOL, Pre-K – 12
English
Environmental Sciences
Finance
History
Hotel & Restaurant Management
Management
Marketing
Mathematics
Nursing
Political Sciences
Psychology
Social Work
Sociology
Sports Management
Theatre
Tourism & Recreation Management

TERMS AND CONDITIONS: The minimum G.C.C. GPA after two years for students who wish to matriculate in the baccalaureate degree programs of Social Work, Education or Nursing is a 2.5. The minimum GPA for all other degree programs included in this agreement is 2.0. The Dual Admissions agreement will be null in void if the participant does not maintain the minimum GPA at G.C.C.

Roberts Wesleyan College

Criminal Justice
Fine Arts: Art Emphasis
Graphic Design
International Business

Management & Social Entrepreneurship
Marketing
Psychology
Social Work
Sociology
Visual Art Education

TERMS AND CONDITIONS: The minimum GCC grade point average after two years for students who wish to matriculate in the baccalaureate degree programs included in this agreement is 2.5. The Dual Admissions agreement will be null and void if the participant does not maintain the minimum grade point average at GCC.

University of Rochester

Nursing

TERMS AND CONDITIONS: The minimum GCC GPA after two years for students who wish to matriculate in the baccalaureate degree programs included in this agreement is 3.0 and at least a "C" or better in arts and sciences courses, and nursing courses. The Dual Admissions agreement will be null and void if the participant does not maintain the minimum GPA at GCC.

St. John Fisher College

Accounting
American Studies
Biology
Business: Marketing, Corporate Finance, Management, Human Resource Management
Chemistry
Computer Science
Criminal Justice
Criminology
Economics
Education: Childhood/Special Education, Adolescence Inclusive Education
English
History
Interactive Media
International Studies
Legal Studies (paired with another major)
Mathematics

Media Communication
 Media Management
 Modern Language: French, Spanish
 Nursing: Traditional BSN or RN to BSN Online
 Pharmacy
 Physics
 Political Science
 Psychology
 Sociology
 Sport Management
 Statistics
 Sustainability

TERMS AND CONDITIONS: The minimum GCC GPA after two years for students who wish to matriculate in most baccalaureate degree programs included in this agreement is 2.0. Some programs require a higher GPA, please see Transfer Coordinator for details. A limited number of spaces are available to students wishing to enter into the Pharmacy program, this program has specific admission criteria including a minimum of a 3.2 GPA to remain eligible. The Dual Admissions agreement will be null and void if the participant does not maintain the minimum GPA at GCC

TUITION & FEES

Genesee Community College is one of the most affordable colleges in the northeast, with an

Tuition and Fees 2019-2020

Tuition and fees are subject to change without notice. Rates are per semester.

Full-time Student (Fall or Spring, 12 or more credits)

Expense	NYS Resident	Non-NYS Resident*	NYS Resident w/o Certificate**
Tuition	\$2,075	\$2,375	\$4,150
College Fee	\$170	\$170	\$170
Technology Fee	\$50	\$50	\$50
Academic Support Fee	\$25	\$25	\$25
TOTAL per	\$2,320	\$2,620	\$4,395

undergraduate tuition that is competitive with community colleges across the country.

Estimate Yearly Cost of Attendance (2018 - 2019)

Expense	Living at home	Not living at home
Full Time Tuition	\$4,150	\$4,150
Mandatory Fees	\$490	\$490
Books & Supplies	\$1,275	\$1,275
Personal	\$1,115	\$1,115
Room	\$0	\$6,400
Board	\$1,520	\$2,320
Transportation	\$1,620	\$660
Total	\$10,170	\$16,410

* Failure to complete Certificate of Residence will result in double tuition charges to the student.

Expense	NYS Resident	Non-NYS Resident*	NYS Resident w/o Certificate**
semester			

Part-time Student (Fall or Spring, less than 12 credits)

Expense	NYS Resident	Non-NYS Resident*	NYS Resident w/o Certificate**
Tuition	\$170 / credit hour	\$195 / credit hour	\$340 / credit hour
College Fee	\$14 / credit hour	\$14 / credit hour	\$14 / credit hour
Technology Fee	\$4 / credit hour	\$4 / credit hour	\$4 / credit hour
Academic Support Fee	\$2 / credit hour	\$2 / credit hour	\$2 / credit hour

Summer or Winterim Student (No full-time rates available)

Expense	NYS Resident	Non-NYS Resident*	NYS Resident w/o Certificate**
Tuition	\$170 / credit hour	\$195 / credit hour	\$340 / credit hour
Technology Fee	\$4 / credit hour	\$4 / credit hour	\$4 / credit hour
Academic Support Fee	\$2 / credit hour	\$2 / credit hour	\$2 / credit hour

*Net of Incentive

**Double tuition is charged to NYS residents that fail to provide a valid Certificate of Residence each academic year.

Additional Fee Information

Expense	Cost
Online Learning Fee	\$10 per online credit hour
Allied Health Student Intern Malpractice Insurance	\$18 / semester
Transcripts	\$10 / transcript

Expense	Cost
Applied Music Fee	\$400 / course
Nursing Clinical Fee	\$25 / semester

International Student Fees

International Student Fees are mandatory.

Expense	Cost
Medical Evacuation/Repatriation Ins	\$TBD / year

Certificate of Residency

You must submit a Certificate of Residence to GCC once each year. Failure to submit the appropriate document will result in DOUBLE TUITION CHARGES. Certificates of Residence cannot be dated more than sixty (60) days prior to the start of the semester. In addition, your home county is only required to honor those certificates dated within the first thirty (30) days of the semester. Students submitting their out-of-county certificates after the first thirty days of the semester will incur double tuition charges. If your home county will issue and honor a late certificate, then the College will remove the double tuition charges from your account. For further information contact Student Accounts at (585) 345-6805.

SUNY Tuition Refund Policy

Course registration creates a financial obligation to GCC. A tuition refund is only effective upon formal (written) withdrawal. The student can withdraw in writing in the Record’s Office or at any campus center location. They can also withdraw online through their Genesis account. Please be aware that non-attendance is NOT withdrawal. For further information on academic withdrawal, please contact the Record’s Office at (585) 343-0055 ext. 6218.

The SUNY Board of Trustees approved a resolution standardizing the refund policy for all New York State community colleges as of the fall semester 1998. A student is eligible to receive a 100% refund of tuition charges up until the day before the semester begins. After that date, the student is charged in accordance with the policy:

Regular Fall/Spring Semester

Date of Withdrawal	Refund
Prior to first day of the term	100%
During first week	75%
During second week	50%

Date of Withdrawal	Refund
During third week	25%
After third week	0%

Courses Twelve Weeks in Duration

Date of Withdrawal	Refund
Prior to first day of the term	100%
During first week	60%
During second week	30%
After second week	0%

Courses Eight Weeks or Less in Duration

Date of Withdrawal	Refund
Prior to first day of the term	100%
During first week	25%
After first week	0%

FINANCING YOUR EDUCATION

The following information is provided as a general reference to financial aid at SUNY Genesee Community College and is based on statutes, regulations and policies current at the time this Academic Catalog was prepared for publication. These descriptions are, however, subject to change. Thus, it is recommended that candidates for admission and current students contact:

**Financial Aid Office
Student Success Center
585-345-6900
financialaid@genesee.edu**

At GCC you'll find a number of opportunities to save or earn money towards college like:

- Scholarships
- Grants
- Loans

- Work-Study

Scholarship Programs

Genesee Community College offers institution-based scholarships. Students are encouraged to apply for as many scholarships as they qualify for. Students must have their scholarship applications in by January 1st for preference for the upcoming academic year. For a full list of scholarship programs visit:

www.genesee.edu/offices/finaid/scholarships

Grants

GCC Federal Code: 006782

GCC TAP Code: 2252

Federal Pell Grant

Pell grants are Federal grants, which never need repayment and are the single largest grant source of aid to Genesee students. The size of your grant will be based on your family income and assets.

- Eligibility: Enrolled in at least 3 credit hours, U.S. citizen or eligible noncitizen, good academic standing, based on Estimated Family Contribution (EFC) as determined by federal government.
- Amount: Ranges from \$657 to \$6195 annually
- Repayment: None
- How to apply: Complete online at www.fafsa.gov

Federal Student Aid Information:

1-800-433-3243

SEOG

The Federal Supplemental Education Opportunity Grant (SEOG) is a campus-based program. SEOG is awarded to students that demonstrate extreme financial need, as determined by the FAFSA. Preference is given to full-time enrolled students. Funding is limited. File the FAFSA early for first consideration.

New York State TAP

The New York State Tuition Assistance Program (TAP) helps eligible New York residents pay tuition at approved schools in New York State.

TAP is a New York State grant program. Eligible students will receive TAP after Census (approximately 6 weeks in to the semester).

- Eligibility: full-time, enrolled, U.S. citizen or eligible noncitizen, good academic standing, fall within income limits, New York state resident
- Amount: ranges between \$100 and 100% of Genesee tuition, depending on family income.
- Repayment: None

Visit the Higher Education Services Corporation (HESC) website: www.hesc.ny.gov or contact the TAP Hotline at 1-888-697-4372 for more information.

Aid for Part-Time Study (APTS)

Aid for Part-time Study (APTS) is a grant available to part-time student taking at least 3 credit hours.

- Eligibility: 3-11 credits per semester, U.S. citizen and New York state resident, good academic standing.
- Amount: varies
- Repayment: None

Educational Opportunity Program (EOP)

Provides academic and financial support for students to guide them through the rigors of their college experience. Students in the program will experience:

- Educational and career development workshops
- Individual and academic counseling
- Free and unlimited tutoring services
- Financial assistance and advisement

To be eligible for admission to EOP, a student must be:

- A New York State resident for 12 months prior to enrollment
- Qualify as financially disadvantaged
- Be a first-time, full-time student (no prior college)
- Have a high school degree with an average between 70-83 percent or G.E.D.

Due to funding constraints and demand, GCC is limited to capping EOP enrollment to 100 students on a first come, first serve basis. Please fill out GCC's application for admission and check the appropriate box to indicate your interest in EOP. To find out more about the application process, please contact one of the EOP counselors.

Loans

The National Student Loan Database is the Department of Education's central database for student aid. The database provides an integrated view of Title IV loans and grants so Title IV recipients can access and inquire about their Stafford Loans and grants. www.nsls.ed.gov

Federal Direct Stafford Loan

1. Subsidized Stafford Loans - need-based loans.
 - a. Students are not responsible for interest accrued on the loan while the student is in school.
 - b. Payment and interest do have to be paid as long as the borrower is enrolled at least half-time (6 or more credit hours).
2. Unsubsidized Loans - similar to Subsidized Loans, except they are not need-based loans and students are responsible for the interest accrued on the loan while the student is in school.

The Financial Aid Office will determine the type of loan you will receive based on your estimated cost of attendance, other aid received and financial eligibility. Students will accept or deny their offered loans through their Genesis account.

- Eligibility: At least 6 credit hours, enrolled or non-enrolled with special approval, good academic standing, demonstrate financial need, U.S. citizen or eligible noncitizen.
- Repayment: 6 months after ceasing to be at least a half-time student. Borrowers that drop below 6 credits are also required to complete Exit Counseling.

- Apply: Students can apply by submitting a request from their Genesis account under the Student Life tab.

Annual Loan Limits

Freshman (0-23 credit hours)

- Dependent: \$5,500
- Independent: \$9,500

Sophomore (24+ credit hours)

- Dependent: \$6,500
- Independent: \$10,500

More information about your student loan can be found by visiting the National Student Loan Data Base System (NSLDS). After you graduate or drop below half-time status you may be able to consolidate your loans into a single loan through the Federal Consolidation Loan.

GCC promotes responsible borrowing. We encourage students to only borrow what they need. Borrowers must repay all loans! There are significant adverse financial consequences for students who fail to repay their student loans!

Parent Loans for Undergraduate Students

PLUS is a federally guaranteed loan program for dependent undergraduate students that allow their parents to borrow for their education expenses.

- Eligibility: Parent or guardian of a dependent, at least 6 credit hours matriculated, U.S. citizen or equivalent, good academic standing, parent credit check.
- Amount: Up to full cost of education minus other financial aid.
- Repayment: Monthly payments beginning with total disbursement of loan, 10- to 30-year repayment plan.

Work-Study

The Federal-Work Study program gives you the opportunity to work up to fifteen hours per week during the regular academic year (and in some cases, full-time during the summer months as well).

- **Eligibility:** At least 6 credit hours, enrolled or non-enrolled with special approval, good academic standing, demonstrate financial need, U.S. citizen or eligible noncitizen.
- **Amount:** Hourly wages of at least the Federal minimum wage.
- **Repayment:** None
- **How to apply:** Students can check their eligibility for Federal-Work Study by submitting a request from their Genesis account under the Student Life tab.

There are usually more students that are work-study eligible than there are jobs. Students are encouraged to apply early for work-study positions.

Student Outcome Tracking

Students cannot be awarded financial aid for classes that do not count toward their degree or certificate program requirements. If a student is enrolled in courses that do not count toward his or her degree, those courses cannot be used to determine enrollment status and aid eligibility. All registered courses must apply to the student's program as a general education requirement, a major requirement or elective (whether restricted or free elective) or remedial.

Students who repeat courses they have taken previously either at GCC or another institution and received a passing grade may impact both federal and state aid programs (To maintain full-time status for financial aid, a student's coursework must be at least 12 credits without the repeated class). An exception may be made for state aid if the student did not meet the minimum grade requirement for that class for graduation.

Federal Aid, including student loans, will pay for a student to repeat a passed course only once. State aid (TAP) will only pay for a repeated course once, but only if it is required to have a higher grade for graduation in the student's particular degree program.

If a student's program does not require them to earn a higher grade for graduation, but the

student is being advised to repeat coursework for academic reasons, it may be advisable for the student to be enrolled in at least 12 credits of new coursework (in addition any repeated courses) in order to maintain his/her full time status.

A general misconception is that a student must be full time in order to receive financial assistance. That is incorrect. Students may be eligible to receive financial aid based on the following credit hour requirements:

- Federal Pell grant: 1-12 or more credits
- Federal SEOG: 1-12 or more credits
- New York State TAP: 12 or more credits
- New York State Aid for Part Time Study: 1-11 credits
- Federal Direct Loans (Student and Parent): 6 or more credits

Academic Standards for Financial Assistance

All students who receive federal, state or local financial aid funds must meet the institutional academic good standing requirements to retain eligibility. These standards became effective January 1, 1984, and student records will be reviewed at the end of each semester after that date. Students will be notified, in writing, if they have lost eligibility for the next semester. Questions concerning these standards should be referred to the Financial Aid Office.

Federal Standard for Satisfactory Academic Progress (SAP)

Students receiving federal financial aid must meet certain academic standards to remain academically eligible to receive aid. The federal standards are as follows:

Credits Attempted	Credits Earned	GPA
3	3	1.5
4	3	1.5
5	3	1.5

Credits Attempted	Credits Earned	GPA
6	4	1.5
7	5	1.5
8	5	1.5
9	6	1.5
10	7	1.5
11	7	1.5
12	8	1.5
13	9	1.5
14	9	1.5
15	10	1.5
16	11	1.5
17	11	1.5
18	12	1.5
19	13	1.5
20	13	1.5
21	14	1.5
22	15	1.5
23	15	1.5
24	16	1.75
25	17	1.75
26	17	1.75
27	18	1.75
28	19	1.75

Credits Attempted	Credits Earned	GPA
29	19	1.75
30	20	1.75
31	21	1.75
32	21	1.75
33	22	1.75
34	23	1.75
35	23	1.75
36	24	1.75
37	25	1.75
38	25	1.75
39	26	1.75
40	27	1.75
41	27	1.75
42	28	2.0
43	29	2.0
44	29	2.0
45	30	2.0
46	31	2.0
47	31	2.0
48	32	2.0
49	33	2.0
50	34	2.0
51	34	2.0

Credits Attempted	Credits Earned	GPA
52	35	2.0
53	36	2.0
54	36	2.0
55	37	2.0
56	38	2.0
57	38	2.0
58	39	2.0
59	40	2.0
60	40	2.0
61	41	2.0
62	42	2.0
63	42	2.0
64	43	2.0
65	44	2.0
66	44	2.0
67	45	2.0
68	46	2.0
69	46	2.0
70	47	2.0
71	48	2.0
72	48	2.0
73	49	2.0
74	50	2.0

Credits Attempted	Credits Earned	GPA
75	50	2.0
76	51	2.0
77	52	2.0
78	52	2.0
79	53	2.0
80	54	2.0
81	54	2.0
82	55	2.0
83	56	2.0
84	56	2.0
85	57	2.0
86	58	2.0
87	58	2.0
88	59	2.0
89	60	2.0
90	60	2.0

New York State Tuition Assistance Program (TAP)

All students who receive TAP funding are required to meet the following standards of the Satisfactory Academic Progress (SAP) and Pursuit of Program (POP) as set forth by the New York State Education Department and the College. Students not meeting these standards will not be eligible for subsequent TAP payments. Students in this situation will be notified by the College. Questions concerning these standards should be referred to the Records or Financial Aid offices. These

standards apply to TAP and other grant programs administered by the New York State Higher Education Services Corporation (HESC). If you have questions, please contact the TAP Certifying Officer in the Financial Aid Office at (585) 345-6900.

New York State Standard for Satisfactory Academic Progress (TAP SAP)

Students receiving financial aid from New York State must meet certain academic standards to remain academically eligible to receive aid. The state standards are as follows:

Certified for this Payment	Minimum Credit Hours	Cumulative GPA
First	0	0.00
Second	6	1.30
Third	15	1.50
Fourth	27	1.80
Fifth	39	2.0
Sixth	51	2.0

Questions regarding federal or state academic progress should be directed to the Financial Aid Office at (585) 345-6900.

Standard for Pursuit of Program (POP)

A student must complete the following number of credit hours during the specific semester to be certified for the next payment.

Semester Receiving TAP	Credits Earned
First	6
Second	6
Third	9
Fourth	9

Semester Receiving TAP	Credits Earned
Fifth and subsequent	12

The regulations define “program pursuit” as receiving a passing or failing grade in a certain percentage of a full-time course load. The percentage increases from 50 percent of the minimum full-time load in each term of study in the first year for which an award is made, to 75 percent of the minimum full-time load in each term of study in the second year for which an award is made, to 100 percent of the minimum full-time load in each term of study in the third and each succeeding year for which an award is made.

Repeated Courses and State Student Financial Aid Eligibility, Financial Aid Eligibility

The New York State Education Department has established regulations concerning students repeating courses and receiving state student financial assistance, which includes the Tuition Assistance Program (TAP), Aid for Part-Time Student (APTS), Regents Scholarship, Vietnam Veterans Tuition Award (VVTA) and/or Child of Veteran Awards. Specifically, these regulations state:

If a student repeats a course in which a passing grade acceptable to the institution has already been received, the course cannot be included as part of the student’s minimum full-time course load for financial assistance purposes. When such courses are included in meeting the minimum requirement, they render the student ineligible for a state award.

Developmental Coursework and Satisfactory Academic Progress (SAP)

In some cases, a student may be registered for a combination of Developmental, Remedial and College Level courses. These students may be eligible to receive TAP funds as long as their credit hours are equal to or greater than 12.

However, since the Developmental and Remedial courses will not be used toward graduation, they will not be used to compute hours earned or satisfactory academic progress.

ACADEMIC INFORMATION

Program Titles, HEGIS, IPED & GCC Codes for Approved Curricula

All degree and certificate programs offered at Genesee Community College have been registered with the New York State Education

Department and approved by the State University of New York. Each program listed below is identified with an Integrated Postsecondary Education Data (IPED) system number. These were formerly referred to as Higher Education Government Information System (HEGIS) numbers. These standardized codes are included in the catalog to satisfy state, federal, and other requirements. Most students will not need to use or refer to the IPED/HEGIS numbers.

Associate in Arts Degree (AA)

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
AA	Liberal Arts & Science - Humanities and Social Science	5649	240103	524	00863	201
AA	Theatre Arts	5610	500501	7968	91067	206

Associate in Applied Science Degree (AAS)

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
AAS	Accounting	5002	520302	525	00865	730
AAS	Business Administration	5004	520201	6771	81355	732
AAS	Computer Information Systems	5101	110401	533	00876	212
AAS	Computer Support and Operations	5104	110401	4934	25205	505
AAS	Computer Systems and Network Technologies	5104	151201	7228	84122	494
AAS	Computerized Drafting & Design	5303	151302	5916	76015	453
AAS	Criminal Justice	5505	430103	6566	80038	640
AAS	Digital Art	5012	500102	5928	76101	500
AAS	Entrepreneurship	5004	520701	455	00787	734
AAS	Fashion Business	5004	521902	7061	83097	751
AAS	Fitness and Recreational Sports Management	5506	512309	5389	27261	428
AAS	Food Processing Technology	5402	010401	11789	36621	580
AAS	Human Services	5501	440201	535	00878	605
AAS	Individualized Studies	5699	240102	5648	28336	455
AAS	Medical Administrative Assistant	5005	510716	5873	29146	720
AAS	Nanotechnology	5311	151601	13417	37748	653
AAS	Nursing	5208	513801	534	00877	621
AAS	Paralegal Studies	5099	220302	8071	91448	743

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
AAS	Physical Education Studies	5299	131314	3372	19212	427
AAS	Physical Therapist Assistant	5219	510806	7932	90197	623
AAS	Polysomnographic Technology	5299	510917	11040	33859	647
AAS	Respiratory Care	5215	510812	3496	19524	645
AAS	Teaching Assistant	5503	131501	5889	29251	470
AAS	Theatre Technology	5610	500502	7969	91068	461
AAS	Tourism and Hospitality Management	5011	520903	5836	28975	738
AAS	Veterinary Technology	5402	510808	11041	33919	235
AAS	Web Design	5104	110801	10252	31590	493

Associate in Science Degree (AS)

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
AS	Accounting	5002	520302	9329	30595	629
AS	Alcohol and Substance Abuse Studies	5506	511501	3651	20280	260
AS	Biotechnology	5604	410101	9902	31361	230
AS	Business Administration	5004	520201	6428	79224	771
AS	Communications and Media Arts	5008	090101	530	00873	679
AS	Criminal Justice	5505	430103	3538	19798	240
AS	Economic Crime Investigation	5505	430117	5402	27303	242
AS	Engineering Science	5609	140102	7170	83487	530
AS	Fine Arts	5610	500701	5597	28127	205
AS	Human Services	5501	440201	3362	19145	650
AS	Liberal Arts & Science - General Studies	5649	240102	523	00862	250
AS	Liberal Arts & Science - Mathematics	5617	240199	13360	37470	225
AS	Liberal Arts & Science - Natural Sciences	5649	240101	506	37469	226
AS	Liberal Arts & Science - Sport Management Studies	5506	240199	4804	24777	270
AS	Liberal Arts & Science - Teacher Education Transfer	5608	240199	7487	86492	425

Certificates

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
CERT	Accounting	5002	520302	526	00866	929
CERT	Child Care	5503	190708	8073	91477	906
CERT	Computer Repair	5105	151202	4706	24428	990

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
CERT	Computerized Drafting & Design	5303	151302	5927	76100	953
CERT	Criminal Justice	5505	430103	536	00881	920
CERT	Developmental Disability Studies	5501	449999	5652	28362	908
CERT	Entrepreneurship	5004	520701	5099	25945	994
CERT	Fashion Design	5004	521902	16899	39532	951
CERT	General Education	5649	240102	4672	24320	985
CERT	Gerontology	5506	190702	7767	89072	905
CERT	Health Studies	5299	519999	5605	28174	907
CERT	Help Desk Support	5104	111006	4839	24816	996
CERT	Hospitality Management	5010	520901	3970	21705	975
CERT	Medical Office Assistant	5005	510716	3867	21255	927
CERT	Musical Theatre	5610	500509	4635	24198	987
CERT	Teaching Assistant	5503	131501	4636	24199	925
CERT	Web Design	5104	111004	4807	24784	993

Degree Opportunities

Many of our academic programs at GCC offer you the opportunity to earn an Associate in Science degree (A.S.), Associate in Applied Science degree (A.A.S.), or a Certificate. Each offers you a different opportunity within your field of study.

A.S.

Earning an Associate in Science (A.S.) degree from any of our academic programs will set the groundwork for you to excel in today's competitive work environment. By working with a transfer counselor, you will take the necessary introductory courses recognized by many four-year institutions as general education requirements, and also have the opportunity to begin exploring your desired field of study.

Earning your A.S. degree from GCC is a cost-effective way to continue your education and earn your Bachelor's degree from a four-year institution.

A.A.S.

An Associate in Applied Science (A.A.S.) degree prepares you for entry-level positions in your desired field of study. This degree is specifically designed for students who are eager to venture

into the workforce upon graduation from GCC.

An A.A.S. degree will provide you with a strong foundation of important concepts, principles, and methods within your field, as well as allow you to transfer to a four-year institution, if you choose.

Certificate

If you are already in the workforce, earning a Certificate in a specific academic program will allow you to change careers or even earn a promotion within your company. A Certificate will also give you the opportunity to develop a deeper background in the field you are already employed in. You can expand your understanding of a specific field by applying all courses within the Certificate program toward earning an A.A.S. degree.

Proficiency Requirements

All students will be required to demonstrate proficiency in post- high school English, reading, and algebra prior to earning a degree or a certificate. The College requires all full- and part-time students to take either ACT, COMPASS or ACCUPLACER placement exams prior to registering for classes. The assessment of the results of testing will indicate the appropriate skill level and math, reading, and/or English courses

to be taken. Students who do not meet the required standards will be expected to begin remediation immediately. Persons holding a postsecondary degree from a regionally accredited institution are presumed to have met the English and reading requirements.

Information Literacy Statement

Information literacy is required of all students and is developed through general education and program courses that students pursue across the curriculum leading to the completion of their degrees. We define information literacy as the process of recognizing a need for information or data, identifying possible sources, identifying methods of access, assessing the information, evaluating the information, and applying the information or data.

Residence Requirement

At least half of the student's credit hours must be earned through courses sponsored by this College, including 24 of the final 30 hours.

Degree Application

Degree Applications can be completed through your Genesis account. Make sure that all program requirements have been met-including the reading and math requirement and a 2.0 grade point average. If you have any questions concerning requirements, see your advisor.

Students receiving two diplomas simultaneously must complete an application for each degree. Commencement is held once a year in May.

Students receiving Degrees or Certificates through August will be allowed to participate in the Commencement exercises. All information and updates pertaining to your degree will be sent to your Genesee email account. Please be sure to check your account regularly.

General Education Requirements

Effective with the fall 2016 term, all curricula leading to an A.A.S. degree include the following general education requirements:

A.A.S. Degree

1. Science: 3 credit hours

2. Social Science: 3 credit hours
3. American History, Western Civilization & Other World Civilizations: 3 Credit hours from HIS 101, 102, 104, 105, 203, 204
4. Arts, humanities, and languages: 3 credit hours
5. Basic communication: ENG 101 and 3 credit hours from ENG 102, ENG 105, ENG 106, HUR 101, SPE 103, SPE 108 or SPE 109
6. Additional liberal arts and sciences: 3 credit hours
7. Health/physical education: 2 credit hours
8. Minimum competency level in mathematics
9. Demonstrated reading competency

A.S. and A.A. Degrees

A.S. and A.A. degrees have the same requirements as the A.A.S. degree with the following modifications:

1. A.S. and A.A. degrees require completion of 7 of 10 SUNY approved general education Knowledge and Skills Areas including Basic Communication and Mathematics. A mathematics course above Algebra 1 (MAT092) is required
2. Basic communication: ENG 101 and ENG 102 or ENG 105 and 3 credit hours from HUR 101, SPE 103, SPE 108 or SPE 109
3. SUNY General Education Course: 3 credit hours

A minimum number of credit hours in liberal arts and science courses are required for each degree:

- A.A.S., 21 credit hours
- A.S., 30 credit hours

SUNY Approved General Education Courses

The State University of New York has mandated the implementation of minimum General Education requirements (effective fall 2000) for all students who aspire to the baccalaureate degree. The Provost's Council on General Education has reviewed and approved Genesee Community College courses listed below to fulfill those requirements. Students intending to

transfer to a SUNY baccalaureate college or university should consult with an academic advisor when selecting general education requirements of their A.A. and A.S. degree programs. Students enrolled in A.A.S. degrees may select courses from among those listed below to fulfill general education requirements or others that may be approved dependent upon their specific programs.

The following Genesee Community College Courses are approved for SUNY General Education requirements:

Mathematics

- MAT 102, 108, 117, 121, 122, 129, 130, 136*, 137*, 140*, 141*, 142*, 245*, 247*, 255*

*A passing grade in this course will qualify as a waiver for this knowledge and skill area.

Natural Sciences

- AST 107
- BIO 100, 102, 103, 104, 105, 108, 111, 114, 115, 116, 118, 150, 152, 153, 201, 206
- CHE 100, 101, 102
- MET 101
- PHY 100, 121, 122, 131, 132, 133

Social Sciences

- ANT 102
- ECO 101, 105
- GEO 105
- HUS 101
- POS 101, 103, 105, 210
- PSY 101, 102, 106, 202
- SOC 101, 102, 103, 115, 210

American History

- HIS 109, 203, 204, 207, 211, 215, 217, 227
- MUS 203
- POS 107

Western Civilization

- ART 103, 104
- HIS 104, 105, 107
- HUM 220

- THE 202, 204

Other World Civilizations

- GEO 101, 105
- HIS 101, 102, 224, 225
- POS 110, 203

Humanities

- ART 103, 104
- CIN/HUM 147, 205, 240, 242, 244, 245, 246
- ENG 214
- HUM 151, 220
- LIT 201, 203, 210, 211, 212, 213, 214/THE 212, LIT 215, 216, 217, 218
- MUS 107, 108, 110, 111, 201, 202, 203
- PHI 101, 102, 103
- THE 101, 103, 202

The Arts

- ART 101, 103, 104, 105, 110, 114, 123, 127
- COM 103, 118
- DAN 127
- LIT 214/THE 212
- MUS 101, 102, 103, 105/THE 105, MUS 107, 108, 110, 111, 203
- THE 101, 103, 202, 204

Foreign Language

- FRE 101, 102, 201, 202
- SPA 101, 102, 201, 202

Basic Communication

One of the following:

- ENG 101, 102, 105

And one of the following:

- SPE 103, 108, 109
- HUR 101

For full course descriptions visit

www.genesee.edu/academics/catalog/dspSubjectList/

Student Status & Course Loads

A freshman is a student who has successfully completed fewer than 24 credit hours, and a sophomore is a student who has earned 24 or more credit hours. The normal academic load at Genesee Community College for full-time

students is 12-15 credit hours a semester. A student carrying more than 19 credit hours per semester must have prior permission from his or her advisor. The New York State Department of Education has formulated guidelines for the granting of an equivalency diploma on the basis of earned college credit. Persons who have not earned a high school diploma may be issued a New York State High School General Equivalency Diploma (GED) if they provide satisfactory evidence that they have successfully completed 24 credit hours as a recognized candidate for a college-level degree or certificate at an approved institution. Current information concerning regulations for GED credit distribution requirements is available from the Admissions Office at the College.

Credits by Proficiency Examination

Students may earn credit for some of the courses of instruction listed in the general catalog, for which no previous college credit has been earned, by passing a proficiency examination approved by the dean of the teaching area in which the course is taught. A list of approved examinations for credit-by-proficiency may be obtained from the Records Office. The only limitation on the amount of proficiency credit a student may earn is the College requirement that half of the student's credit hours must be earned at this College. Credit earned by examination will be recorded as "Credit" (CR) on transcripts. It will not, however, be used in calculating a grade point average (GPA). It is the student's responsibility to initiate a request for credit on forms provided by the Records Office. All students pay a test fee each time they take a locally developed proficiency examination for credit, whether or not they pass the examination. The College will award credit to students who have earned satisfactory scores in externally developed examinations published in the list of approved examinations for credit. (For example: Advanced Placement Examination of the College Entrance Examination Board (CLEP), etc.) Credits earned by exam are not considered as earned in residence.

Honors Program

The GCC Honors Program is designed to encourage academic work of depth, originality, and quality by students demonstrating superior potential. The focus of the program is a challenging academic experience that encourages independent, creative, and interdisciplinary study. By successfully participating in the Honors Program, you are eligible for additional Financial Aid. All of your Honors work will be recognized on your official transcripts.

Additional benefits of participating in this program include:

- Early registration for classes
- Recognition at official college functions
- The opportunity to work with highly motivated faculty and students

The Honors Program is open to full and part time students studying at any of the GCC Campus Centers.

Qualifications/Criteria

Candidates for the Honors Program demonstrate evidence of exemplary academic achievement. On average, students obtain a combination of:

- A high school average of 87
- An ACT combined score of 24 with no subscore lower than 21
- A combined SAT score of 1000 with no subscore lower than 450
- Completion of 12 hours of study at an accredited institution of higher education with a QPI of 3.5
- And/or approval of the Honors Committee.

Applying to the Honors Program

To apply, you must submit an Honors Program application to the Program Committee, which contains the following:

- A written statement explaining:
 - Why you should be considered for the program
 - A significant accomplishment. The accomplishment may include, but is not limited to, a work of art, an

award, essay, musical composition, scientific experiment, speech, or other evidence of leadership.

- Two letters of recommendation:
 1. From an individual who works or has worked with you in an academic setting
 2. From a person outside the classroom who is not a relative
- A completed application to GCC or a current college transcript.

Admission to the Honors Program is selective and limited. All applicants will be reviewed, and you may be invited to an informational interview with representatives of the Honors Committee. You should be prepared to discuss your accomplishments, academic interests, and plans as related to the program. Contact Garth Swanson, Coordinator of the Honors Program, for more information and an application form: 585-343-0055 x6291 or email GPSwanson@genesee.edu.

President's List

Each semester the College extends an additional recognition to full-time students who achieve a superior scholastic record during that term by publishing the president's list. Eligibility requirements include:

- A term grade point average (GPA) of at least 3.75
- Completion of 12 or more credit hours
- No grades of C- or lower, IP or U

Provost's List

Each semester the College extends an additional recognition to part-time students who achieve a superior scholastic record during that term by publishing the provost's list. Eligibility requirements include:

- A term grade point average (GPA) of at least 3.75
- Completion of a minimum of 6 credits up to 11 credit hours
- No grades of C- or lower, IP or U

Dean's List

Each semester the College extends special recognition to students who achieve an outstanding scholastic record during that term by publishing the dean's list.

Eligibility requirements for full-time students include:

- A term grade point average (GPA) of at least 3.50
- Completion of 12 or more credit hours
- No grades of C- or lower, IP or U

Eligibility requirements for part-time students include:

- A term grade point average (GPA) of at least 3.50
- Completion of 6 or more credit hours
- No grades of C- or lower, IP or U

DEGREE PROGRAMS**Business and Commerce****Accounting (A.S., A.A.S., CERT)**

With a degree in Accounting from GCC - whether it's an Associate in Science (AS) degree in preparation for transfer to a four-year college, or an Associate in Applied Science (AAS) degree as a path to immediate employment - you will be equipped to move ahead toward your career aspirations.

629: Accounting–AS**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
ECO101	3
AMERICAN HISTORY ELECTIVE	3
ACC101	3
MAT137 (See note)	4
Total	16

Suggested Second Semester Credits

ENG102 or ENG105	3
ECO105	3
ACC102	3
CIS116	3
WESTERN CIVILIZATION ELECTIVE	3
Total	15

Suggested Third Semester Credits

BUS205	3
FOREIGN LANG/GENERAL ELECTIVE	3
SPE108	3
SCIENCE ELECTIVE	3
ACC211 (Fall Only)	3
HEALTH/PE/REC	1
Total	16

Suggested Fourth Semester Credits

BUS206	3
HUMANITIES ELECTIVE	3
MAT129	3
WORLD CIVILIZATION ELECTIVE	3
GENERAL ELECTIVE	3

HED/PED/ATH	1
Total	16

629: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

Please note: The prerequisite for MAT137 is MAT136 or MAT140 with a grade of C or better (or by permission of instructor). Students should be aware that they may be required to complete additional course work in order to meet the MAT137 prerequisite.

629: Accounting A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE 108 Public Speaking	3 of 9
2	HISTORY	3
2a	Select one: HIS 101, 102, 104, 105, 203 or 204 or GEO 101	3 of 3
3	HUMANITIES or THE ARTS	3
3a	Select one: HIS 101, 102, 104, 105, 203 or 204 or GEO 101	3 of 3
4	SOCIAL SCIENCE	6
4a	ECO101 Microeconomics	3 of 6
4b	ECO102 Macroeconomics	3 of 6
5	MATHEMATICS	7
5a	MAT129 Statistics	3 of 7
5b	MAT137 Calculus for Business	4 of 7
6	NATURAL SCIENCE	3
6a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
7	PROGRAM REQUIREMENTS	21
7a	ACC101 Introduction to Financial Accounting	3 of 21
7b	ACC102 Introduction to Managerial Accounting	3 of 21
7c	ACC211 Intermediate Accounting 1 (Fall Only)	3 of 21
7d	BUS205 Business Law 1	3 of 21
7e	CIS116 Microcomputer Applications	3 of 21
7f	BUS106 Business Communications	3 of 21
7g	Select one Accounting Elective: ACC201, ACC212, or ACC215(Spring Only)	3 of 21
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2

ITEM	REQUIREMENT	CREDITS
9	FOREIGN LANGUAGE	3
9a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
10	GENERAL ELECTIVES	6
10a	Select one General Elective	3 of 6
10b	Select one SUNY Liberal Arts Elective	3 of 6
11	TOTAL	63
12	Reading and Math Proficiency Required	0
13	Minimum QPI: 2.00	0

730: Accounting–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
ECO101 or ECO105	3
BUS101 or BUS214	3
ACC101	3
HISTORY ELECTIVE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
ARTS/HUMANITIES/LANG ELECT	3
CIS116	3
ACC102	3
MAT129	3
Total	15

Suggested Third Semester Credits

ACC211 (Fall Only)	3
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ACC217 (Fall Only)	3
BUS205	3
SCIENCE ELECTIVE	3
GENERAL ELECTIVE	3
HED/PED/ATH	1
Total	16

Suggested Fourth Semester Credits

ACC212 (Spring Only)	3
ACC215 (Spring Only)	3
SPE108	3
ACC201 (Spring Only)	3
BUS106	3
HED/PED/ATH	1
Total	16

Note: Students planning to transfer to a bachelors program should consult with an academic advisor or the Transfer Coordinator before beginning the second year of Accounting.

730: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

730: Accounting A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE 108 Public Speaking	3 of 9
2	HUMANITIES or THE ARTS or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Arts course or SUNY Approved Humanities course, or SUNY Approved Foreign Language course</u>	3 of 3
3	HISTORY	3
3a	Select one: HIS 101, 102, 104, 105, 203 or 204 or GEO 101	3 OF 3
4	SOCIAL SCIENCE	3
4a	ECO101 Microeconomics or ECO105 Macroeconomics 3	3 of 3
5	MATHEMATICS	3
5a	MAT129 Statistics	3 of 3
6	NATURAL SCIENCE	3
6a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
7	BUSINESS	33
7a	ACC101 Introduction to Financial Accounting	3 of 33
7b	ACC102 Introduction to Managerial Accounting	3 of 33
7c	ACC201 Computer Applications in Accounting	3 of 33
7d	ACC211 Intermediate Accounting 1	3 of 33
7e	ACC212 Intermediate Accounting 2	3 of 33
7f	ACC215 Cost Accounting	3 of 33
7g	ACC217 Tax Procedures	3 of 33
7h	BUS101 Principles of Business or BUS214 Management Principles	3 of 33
7i	BUS106 Business Communications	3 of 33
7j	BUS205 Business Law 1	3 of 33

ITEM	REQUIREMENT	CREDITS
7k	CIS116 Microcomputer Applications	3 of 33
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	GENERAL ELECTIVES	3
10	TOTAL	62
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

929: Accounting–Certificate

FALL 2018 to CURRENT

929: General Curriculum Information

Note: This program cannot be completed in one year.

Prerequisite Requirements: The only restriction on course sequence is that the prerequisite requirements as listed with course description in the catalog must be followed. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

ALL OF THE COURSES CAN BE APPLIED TO AN A.A.S. DEGREE IN ACCOUNTING.

929: Accounting Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	3
1a	ENG101 College Composition	
2	BUSINESS	24
2a	ACC101 Introduction to Financial Accounting	3 of 24
2b	ACC102 Introduction to Managerial Accounting	3 of 24
2c	ACC211 Intermediate Accounting 1 (Fall Only)	3 of 24
2d	ACC212 Intermediate Accounting 2 (Spring Only)	3 of 24
2e	ACC215 Cost Accounting (Spring Only)	3 of 24
2f	ACC217 Tax Procedures (Fall Only)	3 of 24
2g	BUS205 Business Law 1	3 of 24
2h	BUS206 Business Law 2	3 of 24
2i	CIS102 Introduction to Computers or CIS116 Microcomputer Applications	3 of 24
3	TOTAL	30
4	Reading and Math Proficiency Required	0
5	Minimum QPI: 2.00	0

Business Administration (A.S., A.A.S.)

From entrepreneurial start-ups to working in a large corporate office, an Associate Degree in Business can be applied to any industry.

Business Administration: Supply Chain Management

Supply Chain Management (SCM) is a strategically driven, value-added process now engaged within every major industry around the world. Today's sophisticated business savvy companies rely as much on their supply chain personnel as they do their CFO to positively impact their bottom line.

Business Administration: Marketing & Social Media

Social media is the now the “voice” of every organization and the primary way to communicate, analyze and engage customers around the world or in your hometown. In GCC’s Marketing and Social Media concentration students learn how to create an integrated, multi-channel social media strategy using Facebook, Twitter, Instagram, LinkedIn, Pinterest, and many other platforms.

771: Business Administration–A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
ECO101	3
AMERICAN HISTORY or WESTERN CIV ELECTIVE	3
BUS101	3
MAT137 (see note below)	4
Total	16

Suggested Second Semester Credits

ENG102 or ENG105	3
ECO105	3
ACC101	3
CIS116	3
SPE 108	3
Total	15

Suggested Third Semester Credits

BUS205	3
FOREIGN LANG/ELECTIVE	3
BUS213	3
SCIENCE ELECTIVE	3
ACC102	3
HED/PED/ATH	1
Total	16

Suggested Fourth Semester Credits

BUS214	3
HUMANITIES ELECTIVE	3
MAT129	3
WORLD CIVILIZATION ELECTIVE	3
GENERAL ELECTIVE	3
HED/PED/ATH	1
Total	16

771: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate

proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

Note: The pre-requisite for MAT 137 is MAT 136 or MAT 140 with a grade of C or better (or by permission of instructor). Students should be aware that may be required to complete additional course work in order to meet the pre-requisite for this course.

771: Business Administration A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE108 Public Speaking	3 of 9
2	HISTORY	6
2a	American History or Western Civilization: HIS203, HIS204, ART103, ART104, THE202, THE204 or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 6
2b	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 6
3	HUMANITIES	3
3a	Select one: SUNY Approved Humanities course	3 of 3
4	SOCIAL SCIENCE	6
4a	ECO101 Microeconomics	3 of 6
4b	ECO105 Macroeconomics	3 of 6
5	MATHEMATICS	7
5a	MAT129 Statistics	3 of 7
5b	MAT137 Calculus for Business	4 of 7
6	NATURAL SCIENCE	3
6a	Select one: SUNY Approved Natural Science course	3 of 3
7	PROGRAM REQUIREMENTS	21
7a	ACC101 Introduction to Financial Accounting	3 of 21
7b	ACC102 Introduction to Managerial Accounting	3 of 21
7c	BUS101 Principles of Business	3 of 21
7d	BUS213 Principles of Marketing	3 of 21
7e	BUS214 Organizational Behavior	3 of 21
7f	BUS205 Business Law 1	3 of 21
7g	CIS116 Microcomputer Applications	3 of 21

ITEM	REQUIREMENT	CREDITS
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	FOREIGN LANGUAGE	3
9a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
10	GENERAL ELECTIVE	3
11	TOTAL	63
12	Reading and Math Proficiency Required	0
13	Minimum QPI: 2.00	0

732: Business Administration–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
ECO101	3
ACC101	3
BUS 101	3
CONCENTRATION ELECTIVE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
CONCENTRATION REQUIREMENT	3
CONCENTRATION REQUIREMENT	3
CONCENTRATION REQUIREMENT	3
ACC102	3
Total	15

Suggested Third Semester Credits

BUS205	3
SOCIAL SCIENCE/HISTORY ELECTIVE	3

CONCENTRATION REQUIREMENT	3
CONCENTRATION REQUIREMENT	3
NATURAL SCIENCE ELECTIVE	3
HED/PED/ATH	2
Total	17

Suggested Fourth Semester Credits

ARTS/HUMANITIES/LANG ELECTIVE	3
MATHEMATICS ELECTIVE(except MAT 116 and MAT 117)	3
CONCENTRATION REQUIREMENT	3
CONCENTRATION REQUIREMENT	3
BUS 217	3
Total	15

732: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Arts/Humanities/Foreign Language- Supply Chain Management concentration: Recommended PHI103 Ethics or SPA101 Elementary

Social Science/History- Supply Chain Management concentration: Recommended HIS203 US History I or HIS204 US History II.

732: Business Administration A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	SOCIAL SCIENCE and HISTORY	6
2a	ECO101 Microeconomics	3 of 6
2b	Select one: <u>SUNY Approved American History course or SUNY Approved Western Civilizations course or SUNY Approved World Civilizations course or SUNY Approved Social Science course</u>	3 of 6
3	NATURAL SCIENCE	3
3a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
4	HUMANITIES or THE ARTS or FOREIGN LANGUAGE	3
4a	Select from: <u>SUNY Approved Arts course or SUNY Approved Humanities course or SUNY Approved Foreign Language course</u>	3 of 3
5	HED/PED/ATH	2
5a	Select 2 credits from any HED, PED, ATH option	2 of 2
6	MATHEMATICS	3
6a	Math Select one: <u>SUNY Approved Mathematics course (except MAT 116 and MAT 117)</u>	3 of 3
7	BUSINESS	15
7a	ACC101 Introduction to Financial Accounting	3 of 15
7b	ACC102 Introduction to Managerial Accounting	3 of 15
7c	BUS101 Principles of Business	3 of 15
7d	BUS205 Business Law 1	3 of 15
7e	BUS217 Co-op Education	3 of 15
8	CONCENTRATION (select one option from the following)	24
8a	Option One: Business Administration	24
8a1	BUS213 Principles of Marketing	3 of 24
8a2	BUS201 Professional Sales	3 of 24

ITEM	REQUIREMENT	CREDITS
8a3	BUS214 Organizational Behavior	3 of 24
8a4	CIS102 Introduction to Computers or CIS116 Microcomputer Applications	3 of 24
8a5	CPS101 Creative Problem Solving	3 of 24
8a6	Business Electives, select 9 credits from any ACC, BLM, BUS, FBM, OFT, THM or CIS (excluding 102 or 116) option.	9 of 24
8b	Option Two: Supply Chain Management	24
8b1	BLM101 Principles of Business Logistics	3 of 24
8b2	BLM212 Transportation and Distribution Management	3 of 24
8b3	BLM223 Operations and Production Management	3 of 24
8b4	BUS214 Organizational Behavior	3 of 24
8b5	CIS116 Microcomputer Applications	3 of 24
8b6	BLM234 Introduction to Purchasing and Supply Chain Management	3 of 24
8b7	BLM245 Introduction to Inventory and Warehouse Management	3 of 24
8b6	Business Electives, select 3 credits from any ACC, BLM, BUS, FBM, OFT, THM or CIS (excluding 102 or 116) option.	3 of 24
8c	Option Three: Marketing and Social Media	24
8c1	BUS213 Principles of Marketing	3 of 24
8c2	BUS203 Advertising	3 of 24
8c3	BUS225 Entrepreneurship	3 of 24
8c4	CIS102 Introduction to Computer or CIS116 Microcomputer Applications	3 of 24
8c5	CIS113 Web Publishing	3 of 24
8c6	CIS204 Web Design and Implementation	3 of 24
8c7	COM120 New Communication Technologies	3 of 24
8c6	CPS101 Introduction to Creative Problem Solving	3 of 24
9	TOTAL	62
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Economic Crime Investigation (A.S.)

Corporate and government employers need qualified professionals with accounting, computer, and investigative skills capable of dealing with these contemporary types of crime.

242: Economic Crime Investigation–A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
SCIENCE ELECTIVE	3
ECO101	3
CRJ101	3
ACC101	3
HED/PED/ATH	1
Total	16

Suggested Second Semester Credits

ENG102 or ENG105	3
CRJ110	3
ACC102	3
ECO 105	3
FOREIGN LANG/GENERAL ELECTIVE	3
HED/PED/ATH	1
Total	16

Suggested Third Semester Credits

SPE108	3
ACC 211 (Fall only)	3
MAT129	3
ACC 217 (Fall only)	3
CIS116	3
Total	15

Suggested Fourth Semester Credits

MAT136	3
AMERICAN HISTORY or WESTERN CIV ELECTIVE	3
PHI 103	3
WORLD CIVILIZATION ELECTIVE	3
ACC 212 (Spring only)	3

Total 15

242: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

242: Economic Crime Investigation A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE 108 Public Speaking	3 of 9
2	HISTORY	6
2a	American History or Western Civilization: HIS203, HIS204, or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course or ART103, ART104, THE202 or THE204	3 of 6
2b	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 6
3	HUMANITIES	3
3a	PHI103 Ethics	3 of 3
4	SOCIAL SCIENCE	6
4a	ECO101 Microeconomics	3 of 6
4b	ECO105 Macroeconomics	3 of 6
5	MATHEMATICS	6
5a	MAT129 Statistics	3 of 6
5b	MAT136 Algebra 3 and Trigonometry	3 of 6
6	NATURAL SCIENCE	3
6a	Select one: SUNY Approved Natural Sciences course	3 of 3
7	<i>PROGRAM REQUIREMENTS</i>	24
7a	ACC101 Introduction to Financial Accounting	3 of 24
7b	ACC102 Introduction to Managerial Accounting	3 of 24
7c	CIS116 Microcomputer Applications	3 of 24
7d	CRJ101 Introduction to Criminal Justice	3 of 24
7e	CRJ110 Criminal Law	3 of 24
7f	ACC211 Intermediate Accounting 1	3 of 24
7g	ACC212 Intermediate Accounting 2	3 of 24

ITEM	REQUIREMENT	CREDITS
7h	ACC217 Introduction to Income Tax	3 of 24
8	FOREIGN LANGUAGE	3
8a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit SUNY General Education Elective.	3 of 3
9	HEALTH/PE/ATH	2
9a	Select 2 credits from any HED, PED, ATH option	2 of 2
10	TOTAL	62
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

Entrepreneurship (A.A.S., CERT)

The continued growth of global retailing combined with the new dynamics of e-commerce has created a wide range of opportunities for both entrepreneurs and retail businesses.

734: Entrepreneurship–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT129	3
BUS101 or BUS214	3
ECO101	3
CIS116	3
HED/PED/ATH	1
Total	16

Suggested Second Semester Credits

BUS205	3
BUS111	3
BUS106	3
ACC106	3
BUS 213	3

Total	15
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Suggested Third Semester Credits

BUS201	3
NATURAL SCIENCE ELECTIVE	3
BUS108 OR BUS211	3
SPE108	3
BUS217	3
CPS101	3
Total	18

Suggested Fourth Semester Credits

COM120	3
BUS225	3
HUMANITIES/ARTS/FOREIGN LANG	3
HISTORY ELECTIVE	3
BUSINESS ELECTIVE	3
Total	15

734: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

734: Entrepreneurship A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	SPE108 Public Speaking	3 of 6
2	NATURAL SCIENCE	3
2a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
3	SOCIAL SCIENCE	3
3a	ECO101 Microeconomics	3 of 3
4	HISTORY	3
4a	Select one: HIS101, 102, 104, 105, 203, 204 or GEO 101	3 of 3
5	HUMANITIES, THE ARTS or FOREIGN LANGUAGE	3
5a	Select one: <u>SUNY Approved Foreign Language course</u> , <u>SUNY Approved Humanities course</u> or <u>SUNY Approved Arts course</u>	3 of 3
6	MATHEMATICS	3
6a	MAT129 Statistics	3 of 3
7	BUSINESS	42
7a	ACC106 Basic Accounting Principles	3 of 42
7b	BUS101 Introduction to Business or BUS214 Organizational Behavior	3 of 42
7c	BUS106 Business Communications	3 of 42
7d	BUS111 Exploring Business Opportunities	3 of 42
7e	BUS213 Principles of Marketing	3 of 42
7f	BUS201 Professional Sales	3 of 42
7g	BUS205 Business Law 1	3 of 42
7h	BUS108 Customer Service Management or BUS211 Merchandise Planning and Control	3 of 42
7i	BUS217 Co-op Education	3 of 42
7j	BUS225 Entrepreneurship	3 of 42
7k	CIS116 Microcomputer Applications	3 of 42
7l	COM120 New Communication Technologies	3 of 42

ITEM	REQUIREMENT	CREDITS
7m	CPS101 Creative Problem Solving	3 of 42
7n	BUSINESS ELECTIVE: Select from any ACC, BUS, CIS, FBM, OFT THM, or BLM course	3 of 42
8	HED/PED/ATH	1
8a	Select 1 credit from any HED, PED or ATH option	1 of 1
9	TOTAL	64
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

994: Entrepreneurship–Certificate**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

Suggested First Semester Credits

BUS101or BUS 214	3
ACC106	3
CIS116	3
BUS106	3
CPS101	3
Total	15

Suggested Second Semester Credits

BUS213	3
BUS225	3
BUS201	3
BUS205	3
COM120	3
Total	15

994: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

994: Entrepreneurship Certificate Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BUSINESS	30
1a	ACC106 Basic Accounting	3 of 30
1b	BUS101 Principles of Business or BUS214 Organizational Behavior	3 of 30
1c	BUS106 Business Communications	3 of 30
1d	BUS201 Professional Sales	3 of 30
1e	BUS205 Business Law	3 of 30
1f	BUS213 Principles of Marketing	3 of 30
1g	BUS225 Entrepreneurship	3 of 30
1h	CIS116 Microcomputer Applications	3 of 30
1i	COM120 New Communication Technologies	3 of 30
1j	CPS101 Intro to Creative Problem Solving	3 of 30
2	TOTAL	30
3	Reading and Math Proficiency Required	0
4	Minimum QPI: 2.00	0

Fashion Business (A.A.S.)**Fashion Business: E-commerce**

The Fashion Business program: E-commerce concentration prepares you for the explosive growth in online retailing. With 72% of women looking online for apparel, and \$26 billion of clothes sold online, it is an ever-expanding field.

Fashion Business: Event Planning

From a simple dinner with friends to a lavish party for hundreds, a birthday party for children to the inauguration of a president, everyone knows it takes planning to ensure a successful event. GCC's Event Planning Concentration will provide the skills necessary to satisfy the interests of even the most discriminating client for the most distinctive occasion.

Fashion Business: Fashion Design (A.A.S., CERT)

Learning by doing is the mantra of GCC's new Fashion Design concentration. Courses such as Apparel Construction Fundamentals, Apparel Design and Draping, and Fashion Industry Technologies allow you to explore your interests and then display them through the annual Fashion Show.

Fashion Business: Fashion Merchandising Management

As a Fashion Merchandising Management student, you will acquire the skills you need to succeed in an industry that involves a global network of merchandising professionals working in a vibrant, ever-changing business.

751: Fashion Business A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
CONCENTRATION REQUIREMENT	3
FBM101 (Fall Only)	3
BUS109	3
FBM102/ART102 (Fall Only)	3
HED/PED/ATH	1
Total	16

Suggested Second Semester Credits

BASIC COMMUNICATIONS ELECTIVE	3
CONCENTRATION REQUIREMENT	3
BUS201	3
FBM115 (Spring Only)	3
CIS116 or CIS102	3
Total	15

Suggested Third Semester Credits

BUS211 (Fall Only) or BUS225 (Fashion Design concentration)	3
BUS208 (Fall Only)	3
BUS203	3
HUMANITIES, THE ARTS & FOREIGN LANGUAGE ELECTIVE	3
CONCENTRATION REQUIREMENT	3
CONCENTRATION REQUIREMENT	3
Total	18

Suggested Fourth Semester Credits

FBM220 (Spring Only)	3
HISTORY ELECTIVE	3
LIBERAL ARTS ELECTIVE	3
ECONOMICS ELECTIVE	3

SCIENCE ELECTIVE	3
Total	15

Fashion Merchandising Management

Concentration One

- BUS101 Principles of Business - First Semester
- ACC106 Basic Accounting or
- ACC101 Intro to Financial Accounting - Second Semester
- BUS217 Co-op Education - Third Semester
- BUS219 Business Topics Seminar - Third Semester

Fashion Design

Concentration Two

- FBM 120 Apparel Construction Fundamentals - First Semester
- FBM 122 Apparel Design & Draping - Second Semester
- FBM 210 Fashion Industry Technologies - Third Semester
- FBM 225/ ART 225 Fashion Illustration - Third Semester

Event Planning

Concentration Three

- BUS108 Customer Relationship Management - First Semester
- THM118 Principles of Event Management - Second Semester
- THM201 Meeting and Convention Planning - Third Semester
- COM120 - New Communication Technologies - Third Semester

E-Commerce

Concentration Four

- ART209 Computer Graphics - First Semester
- CIS109 Intro to Web Development - Second Semester
- CIS113 Web Publishing - Third Semester
- COM120 - New Communication Technologies - Third Semester

751: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Basic Communications Elective: For students enrolled in either the Fashion Merchandising Management or the Fashion Design Concentrations, students can satisfy their remaining 3-hour Communications requirement by electing to enroll in any of the following: ENG102, ENG105, ENG106,

HUR101, SPE103, SPE108, or SPE109. However, students enrolled in either the Event Planning or the E-Commerce Concentrations are restricted to SPE108 to satisfy their remaining 3-hour Communications requirement.

751: Fashion Business A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	Select one: ENG102, ENG105, ENG106, SPE103, SPE108, or SPE109; except for Event Planning and E-Commerce concentrations where SPE108 is required.	3 of 6
2	SOCIAL SCIENCES	3
2a	ECO101 Microeconomics or ECO105 Macroeconomics	3 of 3
3	HISTORY	3
3a	Select one: HIS101, 102, 104, 105, 203, 204 or GEO101	3 of 3
4	NATURAL SCIENCE	3
4a	Select one: <u>SUNY Approved Natural Science course</u>	
5	HUMANITIES, THE ARTS or FOREIGN LANGUAGE	3
5a	Select one: <u>SUNY Approved Humanities course or SUNY Approved Arts course or SUNY Approved Foreign Language course</u>	3 of 3
6	BUSINESS	30
6a	BUS201 Professional Sales	3 of 30
6b	BUS203 Advertising	3 of 30
6c	BUS211 Merchandise Planning and Control or BUS225 Entrepreneurship (Fashion Design concentration)	3 of 30
6d	BUS109 Principles of Retailing	3 of 30
6e	BUS208 Display and Visual Merchandising	3 of 30
6f	FBM101 Principles of Fashion Merchandising	3 of 30
6g	FBM102 Fashion Trends and Design	3 of 30
6h	FBM115 Textiles and Fabrics	3 of 30
6i	FBM220 Fashion Show Production	3 of 30
6j	CIS102 Introduction to Computers or CIS116 Microcomputer Applications	3 of 30

ITEM	REQUIREMENT	CREDITS
7	CONCENTRATION REQUIREMENTS (Select one of the following options)	12
7a	Option One: Fashion Merchandising Management	12
7a1	BUS101 Principles of Business	3 of 12
7a2	ACC106 Basic Accounting or ACC101 Intro to Financial Accounting	3 of 12
7a3	BUS217 Co-op Education	3 of 12
7a4	BUS219 Business Topics Seminar	3 of 12
7b	Option Two: Fashion Design	12
7b1	FBM120 Apparel Construction Fundamentals	3 of 12
7b2	FBM 122 Apparel Design and Draping	3 of 12
7b3	FBM210 Fashion Industry Technologies	3 of 12
7b4	FBM225 or ART225 Fashion Illustration	3 of 12
7c	Option Three: Event Planning	12
7c1	BUS108 Customer Relationship Management	3 of 12
7c2	THM118 Principles of Event Management	3 of 12
7c3	THM201 Meeting and Convention Planning	3 of 12
7c4	COM120 New Communication Technologies	3 of 12
7d	Option Four: E-Commerce	12
7d1	ART209 Computer Graphics	3 of 12
7d2	CIS109 Intro to Web Development	3 of 12
7d3	CIS113 Web Publishing	3 of 12
7d4	COM120 New Communication Technologies	3 of 12
8	HED/PED/ATH	1
8a	Select 1 credit from any HED, PED, ATH option	1 of 1
9	LIBERAL ARTS and SCIENCES	3
9a	Select one: SUNY Approved Liberal Arts and Sciences course	3 of 3
10	TOTAL	64
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

951: Fashion Design - Certificate**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

FBM101 (Fall Only)	3
FBM102/ART 102 (Fall Only)	3
FBM120	3
FBM210	3
FBM225/ART 225	3
Total	15

Suggested Second Semester Credits

BUS201	3
FBM115 (Spring Only)	3
FBM220 (Spring Only)	3
FBM122	3
BUS225	3
Total	15

Prerequisite Requirements: The only restriction on course sequence is that the prerequisite requirements as listed with course description in the catalog must be followed. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (See [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math and writing skills prior to earning a college degree or certificate from Genesee Community College.

951: Fashion Design Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	PROGRAM	30
1a	FBM101 Principles of Fashion Merchandising	3 of 30
1b	FBM102/ART102 Fashion Trends and Design	3 of 30
1c	FBM120 Apparel Construction Fundamentals	3 of 30
1d	FBM225/ART225 Fashion Illustration	3 of 30
1e	FBM115 Principles of Textiles	3 of 30

ITEM	REQUIREMENT	CREDITS
1f	FBM220 Fashion Show Production	3 of 30
1g	FBM122 Apparel Design and Draping	3 of 30
1h	BUS201 Professional Sales	3 of 30
1i	BUS225 Entrepreneurship	3 of 30
2	TOTAL	30
3	Reading and Math Proficiency Required	0
4	Minimum QPI: 2.00	0

Tourism and Hospitality Management (A.A.S., CERT)

Responsible for over 9.3% of the global GDP, travel and tourism is one of the most important industries in the world in terms of economic impact and growth potential.

738: Tourism and Hospitality Management–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
THM101	3
THM A ELECTIVE (see note below)	3
THM B ELECTIVE (see note below)	3
BUS101	3
Total	15

Suggested Second Semester Credits

COMMUNICATIONS ELECTIVE	3
CIS102 or CIS116	3
THM C ELECTIVE (see note below)	3
THM D ELECTIVE (see note below)	3
MATH ELECTIVE	3
HED/PED/ATH	1
Total	16

Suggested Third Semester Credits

THM201 (Fall Only)	3
BUS214 or BUS225	3
BUS201	3

FOREIGN LANGUAGE ELECTIVE	3
HISTORY ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

CPS 101	3
BUS217	3
BUSINESS ELECTIVE	3
THM202 (Spring Only)	3
SOCIAL SCIENCE ELECTIVE	3
NATURAL SCIENCE ELECTIVE	3
Total	18

Note: THM Electives: Students must complete Track One (Tourism Management) or Track Two (Hospitality Management)

Track One

- THM A ACC106 or ACC101
- THM B THM116 Tourism Geography 1 (Fall Only)
- THM C THM117 Tourism Geography 2 (Spring Only)
- THM D THM118 Principles of Event Management (Spring Only)

Track Two

- ACC101 Accounting 1
- THM103 Hotel Operations (Fall Only)
- ACC102 Accounting 2
- THM114 Food & Beverage Management (Spring Only)

738: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Business Elective: Select from the following areas: Accounting (ACC), Business (BUS)—including BUS203 and BUS205, Computer Information Systems (CIS), Tourism and Hospitality Management (THM). Students will be aided in selection of elective based upon their special interests and future plans.

738: Tourism and Hospitality Management A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	Select one: ENG102, ENG105, ENG106, SPE108, SPE 109	3 of 6

ITEM	REQUIREMENT	CREDITS
2	FOREIGN LANGUAGE	3
2a	Select one: SUNY Approved Foreign Language , or ASL101, ASL102, or ASL201	3 of 3
3	SOCIAL SCIENCE	3
3a	Select one: SUNY Approved Social Science course	3 of 3
4	HISTORY	3
4a	Select one: HIS101, HIS102, HIS104, HIS105, HIS203, HIS204 or GEO 101	3 of 3
5	MATHEMATICS	3
5a	Select one: SUNY Approved Mathematics course (except MAT116 or MAT117)	3 of 3
6	NATURAL SCIENCE	3
6a	Select one: SUNY Approved Natural Science course	3 of 3
7	BUSINESS	27
7a	BUS101 Principles of Business	3 of 27
7b	BUS201 Professional Sales	3 of 27
7c	BUS214 Organizational Behavior or BUS225 Entrepreneurship	3 of 27
7d	BUS217 Co-op Education	3 of 27
7e	CIS102 Intro to Computers or CIS116 Microcomputer Applications	3 of 27
7f	CPS101 Intro to Creative Problem Solving	3 of 27
7g	THM101 Introduction to Tourism and Hospitality	3 of 27
7h	THM201 Meeting and Convention Planning	3 of 27
7i	THM202 Destination and Resort Marketing	3 of 27
8	THM TRACKS (Select One of the following options)	12
8a	Option one: Tourism Management	12
8a1	ACC106 or ACC101	3 of 12
8a2	THM116 Tourism Geography 1 (Fall Only)	3 of 12
8a3	THM117 Tourism Geography 2 (Spring Only)	3 of 12
8a4	THM118 Principles of Event Management (Spring Only)	3 of 12
8a	Option two: Hospitality Management	12
8a1	ACC106 or ACC101	3 of 12

ITEM	REQUIREMENT	CREDITS
8a2	THM116 Tourism Geography 1 (Fall Only)	3 of 12
8a3	THM117 Tourism Geography 2 (Spring Only)	3 of 12
8a4	THM118 Principles of Event Management (Spring Only)	3 of 12
9	BUSINESS ELECTIVE	3
9a	Select one: ACC, BUS, CIS, or THM option or COM120	3 of 3
10	HED/PED/ATH	1
10a	Select one credit from any HED, PED or ATH option	1 of 1
11	TOTAL	64
12	Reading and Math Proficiency Required	0
13	Minimum QPI: 2.00	0

975: Hospitality Management–Certificate**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

975: General Curriculum Information

Prerequisite Requirements: The only restriction on course sequence is that the prerequisite requirements as listed with course description in the catalog must be followed. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

975: Hospitality Management Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	PROGRAM REQUIREMENTS	30
1a	THM103 Hotel Operations (Fall Only)	3 of 30
1b	THM114 Food and Beverage Management (Spring Only)	3 of 30
1c	THM201 Meeting and Convention Planning (Fall Only)	3 of 30
1d	CPS101 Introduction to Creative Problem Solving	3 of 30
1e	ACC101 Introduction to Financial Accounting	3 of 30
1f	ACC102 Introduction to Managerial Accounting	3 of 30
1g	THM202 Destination & Resort Marketing (Spring Only)	3 of 30
1h	BUS214 Organizational Behavior or BUS225 Entrepreneurship	3 of 30
1i	BUS201 Professional Sales	3 of 30
1j	BUS217 Co-op Education	3 of 30
2	TOTAL	30
3	Reading and Math Proficiency Required	0
4	Minimum QPI: 2.00	0

Information Technology**Computer Information Systems (A.A.S.)**

As a Computer Programmer, you will write code to create software programs, and turn the program designs created by software developers and engineers into instructions that a computer can follow.

212: Computer Info Systems–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT140 or MAT141	4
CIS125	3
SOCIAL SCIENCE	3
CIS113	3

Total	16
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Suggested Second Semester Credits

ENG102 or ENG 105 or ENG106	3
CIS112 (Spring Only)	3
SPE103 or SPE108 or SPE109 or HUR101	3
MAT247 (Spring Only)	3
ACC101	3
Total	15

Suggested Third Semester Credits

CIS219	4
CIS208 (Fall Only)	3
MAT129	3
NATURAL SCIENCES	3
HEALTH/PE/ATH	2
Total	15

Suggested Fourth Semester Credits

CIS221 (Spring Only)	4
CIS215 (Spring Only)	4
RESTRICTED ELECTIVE	3
FOREIGN LANGUAGE	3
HISTORY ELECTIVE	3
Total	17

212: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Career & Transfer Center.

212: Computer Info System A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 or ENG105 of ENG106	3 of 9
1c	SPE103 or SPE 108 or SPE 109 or HUR101	3 of 9
2	HISTORY	3
2a	Select one: HIS101, 102, 104, 105, 203 or 204 or GEO101	3 of 3
3	FOREIGN LANGUAGE	3
3a	Select one: SUNY Approved Foreign Language course	3 of 3
4	SOCIAL SCIENCE	3
4a	Select one: SUNY Approved Social Science course	3 of 3
5	NATURAL SCIENCE	3
5a	Select one: SUNY Approved Natural Sciences course	3 of 3
6	MATHEMATICS	10
6a	MAT129 Statistics	3 of 10
6b	MAT140 (Precalculus) or MAT141(Calculus 1)	4 of 10
6c	MAT247 Discrete Math	3 of 10
7	PROGRAM REQUIREMENTS	27
7a	ACC101 Accounting 1	3 of 27
7b	CIS112 Systems Analysis & Design	3 of 27
7c	CIS125 Program & Problem Solving	3 of 27
7d	CIS208 Database	3 of 27
7e	CIS219 Computer Programming 1	4 of 27
7f	CIS 221 Computer Programming 2	4 of 27
7g	CIS113 Web Publishing	3 of 27
7h	CIS215 Web Scripting	4 of 26
8	RESTRICTED ELECTIVE	3
8a	Select one: ACC102, BUS213, BUS221, any CIS option (Except CIS102 or CIS109), or any CSN option	3 of 3

ITEM	REQUIREMENT	CREDITS
9	HEALTH/PE/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	TOTAL	63
10	Reading & Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Computer Repair Technology (CERT)

Computer repair technicians set up, maintain, and repair stand alone and networked personal computers. This includes businesses, ATM machines, and office machines.

990: Computer Repair Technology–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT121	3
CSN115	3
CSN120	4
CSN201 (Fall Only)	4
Total	17

Suggested Second Semester Credits

CIS125	3
CIS102	3
CSN150	3
Liberal Arts Elective	3
Total	12

990: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

990: Computer Repair Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	3
1a	ENG101 College Composition	3 of 3
2	LIBERAL ARTS ELECTIVE	3
2a	Select one: <u>SUNY Approved American History course or SUNY Approved Western Civilizations course or SUNY Approved World Civilizations course or SUNY Approved Humanities course or SUNY Approved Arts course or SUNY Approved Foreign Language course, SPE103, SPE108, SPE109</u>	3 of 3
3	MATHEMATICS	3
3a	MAT121 Technical Mathematics 1	3 of 3
4	COMPUTER SYSTEMS AND NETWORK TECHNOLOGIES	11
4a	CSN120 Networking Technologies	4 of 11
4b	CSN150 Computer Repair	4 of 11
4c	CSN201 Network Client Operating Systems	3 of 11
5	COMPUTER INFORMATION SYSTEMS	9
5a	CIS102 Introduction to Computers	3 of 9
5b	CIS125 Programming and Problem Solving	3 of 9
5c	CSN115 Introduction to Operating Systems	3 of 9
6	TOTAL	29
7	Reading and Math Proficiency Required	0
8	Minimum QPI: 2.00	0

Computer Support and Operations (A.A.S.)

Computer Support Specialists provide help and advice to people and organizations using computer software or equipment. With a degree in Computer Support Operations, you will be prepared to help users with their computer related needs as well as support Information Technology employees within their organization.

505: Computer Support and Operations–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
CIS125	3
CSN115	3
MAT121 or MAT136	3
CSN120	4
Total	16

Suggested Second Semester Credits

ENG106	3
NATURAL SCIENCE ELECTIVE	3
CSN150	4
ARTS/HUMANITIES/LANG ELECTIVE	3
BUS101	3
HED/PED/ATH	1
Total	17

Suggested Third Semester Credits

CIS116	3
BUS106 or SPE108	3
HUR101	3
CSN201 (Fall Only)	3
SOCIAL SCIENCE	3
HED/PED/ATH	1
Total	16

Suggested Fourth Semester Credits

BUS201	3
CSN217	3
HUR102	3
CIS120	3
HISTORY ELECTIVE	3
Total	15

505: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

505: Computer Support and Operations A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	12
1a	ENG101 College Composition	3 of 12
1b	ENG106 Technical Writing	3 of 12
1c	SPE108 Public Speaking or BUS106 Business Communications	3 of 12
1d	HUR101 Human Relations 1	3 of 12
2	THE ARTS or HUMANITIES or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Arts course, SUNY Approved Humanities course, or SUNY Approved Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE	3
3a	Select One: <u>SUNY Approved Social Science course</u>	3 of 3
4	HISTORY	3
4a	Select One: HIS101, 102, 104, 105, 203 or 204 or GEO101	3 of 3
5	MATHEMATICS	3
5a	MAT121 Technical Math 1 or MAT136 Algebra 2 and Trigonometry	3 of 3
6	NATURAL SCIENCE	3
6a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
7	BUSINESS	6
7a	BUS101 Principles of Business	3 of 6
7b	BUS201 Professional Sales	3 of 6
8	PROGRAM REQUIREMENTS	26
8a	CIS116 Microcomputer Applications	3 of 26
8b	CIS120 Advanced Microcomputer Applications	3 of 26
8c	CIS125 Programming and Problem Solving	3 of 26
8d	CSN115 Introduction to Operating Systems	3 of 26
8e	CSN120 Networking Technologies	4 of 26
8f	CSN150 Computer Repair	4 of 26
8g	CSN201 Client Network Operating Systems	3 of 26
8h	CSN217 Internship/Cooperative Experience	3 of 26

ITEM	REQUIREMENT	CREDITS
9	HUMAN RELATIONS	3
9a	HUR102 Human Relations 2	3 of 3
10	HED/PED/ATH	2
10a	Select 2 credits from any HED, PED, ATH option	2 of 2
11	TOTAL	64
12	Reading and Math Proficiency Required	0
13	Minimum QPI: 2.00	0

Computer Systems and Network Technologies (A.A.S.)

Network and Computer Systems Administrators are responsible for the day-to-day operation of an organization's computer networks. They organize, install, and support an organization's computer systems.

494: Computer Systems and Network Technologies–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT ELECTIVE	3
CSN115	3
CSN120	4
CSN150	4
Total	17

Suggested Second Semester Credits

CIS125	3
MAT ELECTIVE	3
NATURAL SCIENCE ELECTIVE	3-4
BUS221	3
CSN220 (Spring Only)	4
Total	16-17

Suggested Third Semester Credits

CSN RESTRICTED ELECTIVE	3
CSN201 (Fall Only)	3
CSN208 (Fall Only)	4

SOCIAL SCIENCE/HISTORY ELECTIVE	3
ARTS/HUMANITIES/LANGUAGE	3
Total	16

Suggested Fourth Semester Credits

CSN202(Spring Only)	3
ENG106	3
SOCIAL SCIENCE/HISTORY ELECTIVE	3
CSN217	3
HED/PED/ATH	2
Total	14

494: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see www.genesee.edu/offices/advisement/placement-and-proficiency-guide for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Cooperative Education: A Cooperative placement may be available after completion of 30 hours of course work. Please see faculty for further information.

494: Computer Systems and Network Technologies A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG106 Technical Writing	3 of 6
2	THE ARTS or HUMANITIES or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Arts course, SUNY Approved Humanities course, or SUNY Approved Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE and/or HISTORY	6
3a	Select two: <u>SUNY Approved American History, SUNY Approved Western Civilizations course, SUNY Approved World Civilizations course, or SUNY Approved Social Sciences course</u>	6 of 6
4	MATHEMATICS	6
4a	Select from: MAT121 & MAT122 or MAT136 & MAT140 or MAT140 & MAT141 or MAT141 & MAT142	6 of 6
5	NATURAL SCIENCE	3
5a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
6	RESTRICTED ELECTIVES	3
6a	Select from: CIS112(Spring Only), CIS113, CIS116, CIS120, CIS217/COM217, CIS215, CIS219, CIS221(Spring Only), CIS 223, CSN201, CSN205, COM216	3 of 3
7	BUSINESS and COMPUTER INFORMATION SYSTEMS	6
7a	BUS221 Introduction to Project Management	3 of 6
7b	CIS125 Programming and Problem Solving	3 of 6
8	COMPUTER SYSTEMS AND NETWORK TECHNOLOGIES	28
8a	CSN115 Introduction to Operating Systems	3 of 28
8b	CSN150 Computer Repair	4 of 28
8c	CSN120 Networking Technologies	4 of 28
8d	CSN201 Network Client Operating Systems	3 of 28
8e	CSN202 Network Operating Systems	3 of 28
8f	CSN220 Inter/Intra Networking	4 of 28
8g	CSN208 Overview of Computer and Network Security	4 of 28

ITEM	REQUIREMENT	CREDITS
8h	CSN217 Internship/Cooperative Learning Experience	3 of 28
9	HED/PED/ATH	2
9a	Select 2 credits from any HED, PED, ATH option	2 of 2
10	TOTAL	63
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	

Help Desk Support (CERT)

Computer support specialists provide help and advice to people and organizations using computer software or equipment. Help Desk Technicians assist non-IT users who are having computer problems.

996: Help Desk Support–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101	3
CSN115	3
CSN 120	3
CSN201 (Fall Only)	3
CIS116	3
Total	15

Suggested Second Semester Credits

BUS101	3
BUS221	3
CIS125	3
HUR101	3
Total	12

996 General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

996: Help Desk Support Certificate Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION and HUMAN RELATIONS	6
1a	ENG101 College Composition	3 of 6
1b	HUR101 Human Relations 1	3 of 6
2	BUSINESS	6
2a	BUS101 Principles of Business	3 of 6
2b	BUS221 Introduction to Project Management	3 of 6
3	COMPUTER INFORMATION SYSTEMS	6
3a	CIS116 Microcomputer Applications	3 of 6
3b	CIS125 Programming and Problem Solving	3 of 6
4	COMPUTER SYSTEMS AND NETWORK TECHNOLOGIES	9
4a	CSN115 Introduction to Operating Systems	3 of 9
4b	CSN120 Network Technologies	3 of 9
4c	CSN 201 Client Operating Systems	3 of 9
5	TOTAL	27
6	Reading and Math Proficiency Required	0
7	Minimum QPI: 2.00	0

Web Design (A.A.S., CERT)

The Internet is a primary source of communication, and organizations of every size have a critical need for website designers in order for their business to be successful.

493: Web Design– A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester	Credits
ENG101 (By Placement)	3
CIS125	3
CIS113	3
ART209	3
MATH ELECTIVE	3
Total	15
Suggested Second Semester	Credits

ENG102 or ENG105 or ENG106	3
PHO103 or PHO118	3
BUS101	3
RESTRICTED ELECTIVE	3
CIS204 (Spring Only)	3
Total	15
Suggested Third Semester	Credits
SOCIAL SCIENCE/HISTORY ELECTIVE	3
CIS219	4
CSN217	3
HUR101 or BUS213	3
SOCIAL SCIENCE/HISTORY ELECTIVE	3
Total	16
Suggested Fourth Semester	Credits
CIS208	3
ART210	3
CIS215 (Spring Only)	4
NATURAL SCIENCE ELECTIVE	3
HED/PED/ATH	2
Total	15

493: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see www.genesee.edu/offices/advisement/placement-and-proficiency-guide for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

493: Web Design A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities or ENG106 Technical Writing	3 of 6
2	THE ARTS	3
2a	Select one: PHO103 Intro to Black and White Photography or PHO118 Introduction to Digital Photography	3
3	SOCIAL SCIENCE AND/OR HISTORY	6
3a	Select two: <i>SUNY Approved American History</i> , <i>SUNY Approved Western Civilizations course</i> , <i>SUNY Approved World Civilizations course</i> , or <i>SUNY Approved Social Sciences course</i>	6 of 6
4	MATHEMATICS	3
4a	Select one: <i>SUNY Approved Mathematics course</i> , excluding MAT117	3 of 3
5	NATURAL SCIENCE	3
5a	Select one: <i>SUNY Approved Natural Science course</i>	3 of 3
6	BUSINESS	3
6a	BUS101 Principles of Business	3 of 3
7	PROGRAM	29
7a	ART209 Computer Graphics 1	3 of 29
7b	ART210 Computer Graphics 2	3 of 29
7c	CIS125 Programming and Problem Solving	3 of 29
7d	CIS113 Web Publishing	3 of 29
7e	CIS 204 Web Design and Implementation	3 of 29
7f	CIS208 Database	3 of 29
7g	CIS219 Computer Programming 1	4 of 29
7h	CSN217 Cooperative Education	3 of 29
7i	CIS215 Web Scripting	4 of 29
8	RESTRICTED ELECTIVES	3
8a	Select one: CIS (Except CIS 102), CSN, BUS 213 (Principles of	3 of 3

ITEM	REQUIREMENT	CREDITS
	Marketing)	
9	HUMAN RELATIONS	3
9a	HUR101 Human Relations 1 or BUS213 Principles of Marketing	3 of 3
10	HED/PED/ATH	2
10a	Select 2 credits from any HED, PED, ATH option	2 of 2
11	TOTAL	61
12	Reading and Math Proficiency Required	0
13	Minimum QPI: 2.00	0

993: Web Design–Certificate**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2019 to CURRENT

Suggested First Semester Credits

MATH ELECTIVE	3
CIS113	3
CIS125	3
ART209	3
PHO118	3
Total	15

Suggested Second Semester Credits

CIS219	4
CIS204 (Spring Only)	3
CIS223/COM223	4
CIS215 (Spring Only)	4
Total	15

993: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

993: Web Design Certificate Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	MATHEMATICS	3
1a	MAT102 or higher	3 of 3
2	PROGRAM REQUIREMENTS	27
2a	ART209 Computer Graphics 1	3 of 33
2b	CIS113 Web Publishing	3 of 33
2c	CIS204 Web Design and Implementation	3 of 33
2d	CIS125 Programming and Problem Solving	3 of 33
2e	CIS219 Computer Programming 1	4 of 33
2f	CIS223 or COM223 Multimedia with Flash	4 of 33
2g	PHO118 Introduction to Digital Photography	3 of 33
2h	CIS215 Web Scripting	4 of 33
3	TOTAL	30
4	English, Reading and Math Proficiency Required	0
5	Minimum QPI: 2.00	0

Creative Arts**Communications and Media Arts (A.S.)**

The explosion of broadcast and print media over the past few decades has led to a range of new opportunities in radio, television, newspapers and magazines. By studying Communications and Media Arts, you will be exposed to the fast-paced world of communication that we live in.

679: Communications and Media Arts–A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
COM101	3
RESTRICTED ELECTIVE (See note below)	3
COM111	3
FOREIGN LANG/GENERAL ELECTIVE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
COM110	3
JOU101	3
SPE108	3
AMERICAN HISTORY ELECTIVE	3
HED/PED/ATH	2
Total	17

Suggested Third Semester Credits

ENG125 (Fall Only)	3
SOCIAL SCIENCE	3
MATH ELECTIVE	3
HUMANITIES	3
WORLD CIVILIZATION ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

WESTERN CIVLIZATION ELECTIVE	3
NATURAL SCIENCE	3
PHO103 or PHO118	3
RESTRICTED ELECTIVE	3
GENERAL ELECTIVE	3
Total	15

Note: Students following the radio track select COM102.

679: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

679: Communication and Media Arts A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE108 Public Speaking	3 of 9
2	THE ARTS	3
2a	PHO103 Introduction to Black and White Photography or PHO118 Introduction to Digital Photography	3 of 3
3	HUMANITIES	3
3a	ART104 Western Art History	3 of 3
4	HISTORY	9
4a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
4b	Western Civilization: Select one: SUNY Approved Western Civilization course	3 of 9
4c	World Civilization: Select one: SUNY Approved World Civilization course	3 of 9
5	SOCIAL SCIENCE	3
5a	Select one: SUNY Approved Social Science course	3 of 3
6	MATHEMATICS	3
6a	Select one: SUNY Approved Mathematics course	3 of 3
7	NATURAL SCIENCE	3
7a	Select one: SUNY Approved Natural Science course	3 of 3
8	PROGRAM REQUIREMENTS	15
8a	COM101 Introduction to Mass Media	3 of 15
8b	COM110 Introduction to Broadcasting	3 of 15
8c	COM111 TV and Video Production	3 of 15
8d	JOU101 Introduction to Journalism	3 of 15

ITEM	REQUIREMENT	CREDITS
8e	ENG125 Media Writing	3 of 15
9	RESTRICTED ELECTIVES	6
9a	Select six credits from the following: ART209, CIN214, COM102, COM107, COM111, COM120, COM211, COM214, CPS101, ENG106, PHO103, PHO105, PHO118, THE214	6 of 6
10	FOREIGN LANGUAGE	3
10a	Select one: SUNY Approved Foreign Language course or ASL101, ASL102, ASL201 Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit SUNY General Education Elective.	3 of 3
11	HEALTH/PE/ATH	2
11a	Select two credits from any HED, PED, ATH option	2 of 2
12	GENERAL ELECTIVES	3
13	TOTAL	62
14	Reading and Math Proficiency Required	0
15	Minimum QPI: 2.00	0

Digital Art (A.A.S.)

GCC's Digital Art program emphasizes the role of computer technology in creative expression. Courses will develop your skills in animation, digital video, graphic design and web design, as well as more traditional techniques such as photography and drawing.

500: Digital Art–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
ART209	3
ART105	3
ART103 or ART104	3
ART110	3
BUS203 or COM107	3

Total	18
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Suggested Second Semester Credits

ENG102 or ENG105	3
ART107 (Spring Only)	3
ART210 (Spring Only) or 214 (Take in 3 rd Semester)	3
SOCIAL SCIENCE ELECTIVE	3
HED/PED/ATH	2
RESTRICTED ELECTIVE	3
Total	17

Suggested Third Semester Credits

ART207 (Fall Only)	3
PHO103	3
SCIENCE ELECTIVE	3
GENERAL ELECTIVE	3
RESTRICTED ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

ART213 (Spring Only)	3
ART217 (Spring Only)	3
CIS113	3
HISTORY ELECTIVE	3
Total	12

NOTE: THE FOLLOWING COURSES ARE OFFERED ONLY IN THE FALL SEMESTER: ART207, ART214 and THE FOLLOWING COURSES ARE OFFERED ONLY IN THE SPRING SEMESTER: ART107, ART210, ART 213, ART217

IN ORDER TO STAY IN SEQUENCE, STUDENTS ENTERING DIGITAL ARTS IN THE SPRING SEMESTER SHOULD PETITION THE INSTRUCTOR FOR PERMISSION TO TAKE ART107 CONCURRENTLY WITH ART105 AND ART209.

500: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

500: Digital Art A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	HUMANITIES	9
2a	ART103 Western Art History 1 or ART104 Western Art History 2	3 of 9
2b	ART110 Drawing 1	3 of 9
2c	PHO103 Introduction to Black & White Photography	3 of 9
3	SOCIAL SCIENCE	3
3a	Select one: <u>SUNY Approved Social Sciences course</u>	3 of 3
4	HISTORY	3
4a	Select one: GEO101, HIS101, HIS102, HIS103, HIS104, HIS203, HIS204	3 of 3
5	NATURAL SCIENCE	3
5a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
6	DIGITAL ART	27
6a	ART105 Two Dimensional Design	3 of 27
6b	ART107 Typography and Layout	3 of 27
6c	ART207 Graphic Design Applications	3 of 27
6d	ART209 Computer Graphics 1	3 of 27
6e	ART210 Computer Graphics 2	3 of 27
6f	ART213 Digital Art Internship	3 of 27
6g	ART217 Graphic Design Portfolio	3 of 27
6h	BUS203 Advertising or COME107 Visual Communications	3 of 27
6i	CIS113 Web Publishing	3 of 27
7	RESTRICTED ELECTIVES	6
7a	Select two courses: ART102, ART111, ART113, ART114, ART115, ART127, ART210, ART214, ART221, ART225, BUS101, BUS106, BUS111, BUS203, BUS204, BUS205, BUS208, BUS225, CIS106, CIS125, CIS127, CIS204, CIS208,	6 of 6

ITEM	REQUIREMENT	CREDITS
	CIS215, CIS219, COM107, COM111, COM120, COM211, COM215, COM216, COM223/CIS223, MUS102, PHO105, PHO118, THE106, THE210, THE238	
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	GENERAL ELECTIVES	3
10	TOTAL	62
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

Fine Arts (A.S.)

Genesee's Fine Arts program aims to inspire your creativity, immerse you in experiential learning and showcase your talent. At the same time, you'll acquire the knowledge and skills necessary to continue your education and succeed in B.A. or B.F.A. programs.

205: Fine Arts-A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to Current

Suggested First Semester Credits

ART103	3
ART105	3
ART110	3
ENG101	3
SOCIAL SCIENCE ELECTIVE	3
Total	15

Suggested Second Semester Credits

ART104	3
ART114	3
ART127 (Spring Only)	3
ENG102/ENG105	3
FOREIGN LANGUAGE	3
Total	15

Suggested Third Semester Credits

AMERICAN HISTORY	3
PHO103 or PHO118	3

FINE ARTS ELECTIVE	3
FINE ARTS ELECTIVE	3
MATH ELECTIVE	3
HEALTH/PE/ATH	2
Total	17

Suggested Fourth Semester Credits

ART221 (Spring Only)	2
SPE103 or SPE108 or SPE109	3
ART111	3
FINE ARTS ELECTIVE	3
NATURAL SCIENCE ELECTIVE	3
WORLD CIVILIZATION	3
Total	17

205: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements, (see [GCC Placement and Proficiency Guide](#) for details) all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Students are encouraged to explore a variety of art classes made available through the restricted electives.

205: Fine Arts A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE103 or SPE108 or SPE109	3 of 9
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: ART 103	3 of 9
2c	World Civilization: Select one: HIS101, HIS102, or GEO101	3 of 9
3	THE ARTS	3
3a	PHO103 Introduction to Black and White Photography or PHO118 Introduction to Digital Photography	3 of 3
4	HUMANITIES	3
4a	ART104 Western Art History 2	3 of 3
5	SOCIAL SCIENCE	3
5a	Select one: SUNY Approved Social Science course	3 of 3
6	MATHEMATICS	3
6a	Select one: SUNY Approved Mathematics course	3 of 3
7	NATURAL SCIENCE	3
7a	Select one: SUNY Approved Natural Science course	3 of 3
8	PROGRAM REQUIREMENTS	17
8a	ART105 Two Dimensional Design	3 of 17
8b	ART110 Drawing 1	3 of 17
8c	ART111 Drawing 2	3 of 17
8d	ART114 Painting 1	3 of 17
8e	ART127 3-D Design	3 of 17
8f	ART221 Museum and Portfolio Fundamentals	2 of 17

ITEM	REQUIREMENT	CREDITS
9	RESTRICTED ELECTIVES	9
9a	Select 9 credits from the following: ART115, ART123, ART124, PHO103, PHO105, PHO118, ART209	9 of 9
10	FOREIGN LANGUAGE	3
10a	Select one: SUNY Approved Foreign Language course or ASL101, ASL102, ASL201 Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit SUNY General Education Elective.	3 of 3
10	HEALTH/PE/ATH	2
11a	Select two credits from any HED, PED, ATH option	2 of 2
12	GENERAL ELECTIVES	6
13	TOTAL	64
14	Reading and Math Proficiency Required	0
15	Minimum QPI: 2.00	0

Musical Theatre (CERT)

The Musical Theatre Certificate program will allow you the opportunity for focused preparation and skills in theatre production. From stage makeup to lighting techniques, you'll be right in the middle of the action.

987: Musical Theatre–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

THE101	3
THE103	3
MUS128	1
Restricted Elective	3
Total	10

Suggested Second Semester Credits

DAN127	3
MUS129	1

THE205	3
Total	7

987: General Curriculum Information

Prerequisite Requirements: The only restriction on course sequence is that the prerequisite requirements as listed with course description in the catalog must be followed. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.

English (by placement): Students who do not satisfactorily complete the writing exam must register for ENG091 and/or ENG100.

Mathematics (by placement): Mathematics placement is based on the ACT, ASSET, or COMPASS placement test.

Reading Proficiency Requirement: All students will be required to demonstrate proficiency in reading through testing prior to earning a degree or certificate. Students who do not meet the required standard will be expected to begin remediation immediately.

987: Musical Theatre Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	PROGRAM	17
1a	THE103 Fundamentals of Acting	3 of 17
1b	DAN127 Introduction to Movement and Dance	3 of 17
1c	THE101 Introduction to Theatre	3 of 17
1d	MUS128 Applied Music: Private Voice Lessons	1 of 17
1e	MUS129 Applied Music: Private Voice Lessons	1 of 17
1f	THE205 Audition Techniques	3 of 17
1g	Restricted Elective – Select one: THE203, SPE102, MUS102(highly recommended)	3 of 17
2	TOTAL	17
3	Reading and Math Proficiency Required	0
4	Minimum QPI: 2.00	0

Theatre Arts (A.A.)

GCC's award-winning Theatre Arts program is designed to expose you to the richness of the performing arts and to provide a solid academic foundation for further study and career opportunities in theatre.

206: Theatre Arts–A.A.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
THE101 (See note below)	3
THE103	3
SPE103	3
THE106	3
THE116	1
Total	16

Suggested Second Semester Credits

ENG102 or ENG105	3
SOCIAL SCIENCE ELECTIVE	3
SPE102	3
DAN127/PED127	3
THE202	3
THE117	1
Total	16

Suggested Third Semester Credits

THE212	3
AMERICAN HISTORY ELECTIVE	3
MATH ELECTIVE	3
THE210	3
THE203	3
THE118	1
Total	16

Suggested Fourth Semester Credits

WORLD CIVILIZATION ELECTIVE	3
NATURAL SCIENCE ELECTIVE	3
FOREIGN LANGUAGE	3
CIN Option	3
LIBERAL ARTS ELECTIVE	3
Total	15

206: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements, (see [GCC Placement and Proficiency Guide](#) for details) all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

Note: Musical Theatre Certificate students may substitute MUS/THE105 for THE101. Students may not enroll in more than two theatre production courses in the same semester.

206: Theatre Arts A A Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE103 Introduction to Oral Interpretation	3 of 9
2	HISTORY	9
2a	American History: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: THE202	3 of 9
2c	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 9
3	SOCIAL SCIENCE	3
3a	Select one: SUNY Approved Social Sciences course	3 of 3
4	HUMANITIES	3
4a	Select one: SUNY Approved Social Sciences course	3 of 3
5	NATURAL SCIENCE	3
5a	Select one: SUNY Approved Natural Sciences course	3 of 3
6	PROGRAM REQUIREMENTS	24
6a	THE101 Intro to Theatre	3 of 24
6b	THE103 Fundamentals of Acting	3 of 24
6c	THE106 Stage Craft	3 of 24
6d	THE116 Performance in Theatre	1 of 24
6e	THE117 Performance in Theatre	1 of 24
6f	THE118 Performance in Theatre	1 of 24
6g	THE203 Developing of Character	3 of 24
6h	THE210 Intro to Theatrical Design	3 of 24
6i	THE212 Play Analysis	3 of 24
6j	SPE102 Voice and Articulation	3 of 24

ITEM	REQUIREMENT	CREDITS
7	HEALTH/PE/ATH	3
7a	DAN127/PED127	3 of 3
8	FOREIGN LANGUAGE	3
8a	Select one: SUNY Approved Foreign Language course	3 of 3
9	LIBERAL ARTS	3
9a	Select from: SUNY Approved American History course or SUNY Approved Western Civilizations course or SUNY Approved World Civilizations course or SUNY Approved Humanities course or SUNY Approved Arts course or SUNY Approved Foreign Language course THE204 is strongly recommended.	3 of 3
10	TOTAL	63
11	Reading & Math Proficiency Required	0
12	Minimum QPI: 2.00	0

461: Theatre Technology–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
THE101	3
THE238	3
SPE109	3
THE106	3
THE116	1
Total	16

Suggested Second Semester Credits

ENG102 or ENG105	3
SOCIAL SCIENCE ELECTIVE	3
THE210	3
DAN/PED/HED/ATH (DAN/PED127 recommended)	2
WESTERN CIVILIZATION ELECTIVE	3
THE117	1
Total	15

Suggested Third Semester Credits

WORLD CIVILIZATION ELECTIVE	3
AMERICAN HISTORY ELECTIVE	3
NATURAL SCIENCE ELECTIVE	3
COM111 (Fall Only)	3
EGR 118 (Fall Only)	3
Total	15

Suggested Fourth Semester Credits

The 212	3
SUGGESTED GENERAL ELECTIVE	3
THE236	3
GENERAL ELECTIVE (See note below)	3
GENERAL ELECTIVE (See note below)	3
THE256 FIELD STUDY	1
Total	16

NOTE: Electives for this program should be selected with the career goals or interest in mind. For additional assistance with course selection, see the Theatre Technician in the Fine and Performing Arts Department. THE 103 and COM 103 are recommended.

461: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Students may not enroll in more than two theatre production courses in the same semester.

461: Theatre Technology A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE109 Interpersonal Communications	3 of 9
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any <u>SUNY Approved American History course</u>	3 of 9
2b	Western Civilization: Select one: THE202 or THE204	3 of 9
2c	World Civilization: Select one: <u>SUNY Approved Other World Civilization</u>	3 of 9
3	SOCIAL SCIENCE	3
3a	Select one: <u>SUNY Approved Social Science</u>	3 of 3
4	NATURAL SCIENCE	3
4a	Select one: PHY100, PHY121	3 of 3
5	PROGRAM	27
5a	THE101 Intro to Theatre	3 of 27
5b	THE106 Stage Craft	3 of 27
5c	THE116 Performance in Theatre	1 of 27
5d	THE117 Performance in Theatre	1 of 27
5e	THE210 Intro to Theatrical Design	3 of 27
5f	THE212 Play Analysis	3 of 27
5g	THE236 Stage Lighting	3 of 27
5h	THE238 Stage Sound	3 of 27
5i	THE256 Field Study Placement	1 of 27
5j	COM111 TV and Video Production	3 of 27
5k	EGR118 Computer Assisted Drafting	3 of 27

ITEM	REQUIREMENT	CREDITS
6	HEALTH/PE/ATH	2
6a	Select 2 credits from any HED, PED, ATH option (DAN/PED127 Recommended)	2 of 2
7	GENERAL ELECTIVES	9
8	TOTAL	62
9	Reading and Math Proficiency Required	0
10	Minimum QPI: 2.00	0

Health and Physical Education

Fitness & Recreation: Personal Trainer (A.A.S.)

The Fitness and Recreation Management - Personal Trainer concentration major provides you a background in business, health, and fitness with the opportunity to earn an NCCA accredited credentials through ACE as a certified personal trainer.

428: Fitness and Recreation Management–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
PED251	3
HED205	3
ECO101	3
MAT108 or MAT129	3
PED171	1
PED172	1
Total	17

Suggested Second Semester Credits

SPE108	3
PED277 (Spring only)	4
ACC101 or ACC106	3
CPS101	3
PED255	3
Total	16

Suggested Third Semester Credits

HISTORY ELECTIVE	3
PED273 (Fall only)	3
BIO150 (Fall only)	4
PED258 (Fall only)	3
CIS102 or CIS116	3
Total	16

Suggested Fourth Semester Credits

HED209	3
PED275 (Spring only)	3
HUMANITIES/ARTS/FOREIGN LANGUAGE ELECTIVE	3
PED285 (Spring only)	3
PED261 (Spring only)	3
Total	15

428: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

428: Fitness and Recreation Management A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	SPE108 Public Speaking	3 of 6
2	HUMANITIES/THE ARTS/FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Humanities course or SUNY Approved Fine Arts or SUNY Approved Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE	3
3a	ECO101 Microeconomics	3 of 3
4	HISTORY	3
4a	Select one: HIS101, 102, 104, 105, 203 or 204 or GEO101	3 of 3
5	MATHEMATICS	3
5a	MAT108 Survey of Mathematics or MAT129 Statistics	3 of 3
6	NATURAL SCIENCES	4
6a	BIO150 Survey of Anatomy and Physiology	4 of 4
7	BUSINESS	9
7a	ACC 101 Accounting 1 or ACC106 Basic Accounting Practices	3 of 9
7b	CPS101 Introduction to Creative Problem Solving	3 of 9
7c	CIS102 Introduction to Computers or CIS116 Microcomputer Applications	3 of 9
8	PROGRAM REQUIREMENTS	33
8a	PED251 Introduction to Sport Management	3 of 33
8b	PED171 Body Conditioning	1 of 33
8c	PED172 Weight Training	1 of 33
8d	PED255 Athletic Training	3 of 33
8e	PED258 Sport Marketing	3 of 33
8f	PED277 Sport Facility Management	3 of 33
8g	HED205 Responding to Emergencies	3 of 33
8h	HED209 Health Sciences Related to Coaching	3 of 33
8i	PED273 Principles of Personal Training	3 of 33

ITEM	REQUIREMENT	CREDITS
8j	PED275 Personal Training Experience	3 of 33
8k	PED261 Sport Management Internship	3 of 33
8l	PED285 Exercise Physiology	4 of 33
9	TOTAL	64
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.0	0

Physical Education Studies (A.A.S.)

Being a Physical Education major gives you the opportunity to teach and influence others on how to improve one's quality of life through physical activity. Share your enthusiasm for health, fitness, and sport with others.

427: Physical Education Studies–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
HISTORY ELECTIVE	3
PED104 (Fall only)	3
PED250	3
HED205 or PED109	3
PED 144	2
Total	17

Suggested Second Semester Credits

PED 180 (Spring only)	1
HED209	3
GENERAL ELECTIVE	3
SPE 108	3
PED255 or PED271 or PED209	3
2 PE SKILLS COURSES	2
Total	15

Suggested Third Semester Credits

BIO150 (Fall only) or BIO 152	4
MAT129	3
HIS 217 (Fall only)	3

PED255 or PED271 or PED209	3
PSY101 or SOC101	3
Total	16

Suggested Fourth Semester Credits

PED 272	3
PED285 (Spring only)	4
HUMANITIES	3
FOREIGN LANGUAGE	3
2 PE SKILLS COURSES	2
Total	15

427: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

PE Core: Students taking all transitional courses and/or FYE in their first semester that can only take one PE course should take PED104

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. BIO104 is a pre-requisite for BIO152, so that may be used as the general elective. BIO 104 or PED 255 is recommended prior to taking BIO 150. BIO153 may also be considered based on bio requirements at the transferring institution. Students interested in transferring to Brockport should take BIO150. Students interested in transferring to Cortland or elsewhere should take BIO152. For additional assistance with course selection or for transfer, see the Director of Health and Physical Education.

Restricted Electives: Select two from: PED 255 or PED271 or PED209. Those interested in pursuing a career in athletic training should take PED255 in the second semester.

Coaching Certificate: Required courses are HED205, HED209, PED271, and PED272.

427: Physical Education Studies A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG 101 College Composition	3 of 6
1b	SPE108 Public Speaking	3 of 6
2	HISTORY	6
2a	HIS217 History of Sport in America	3 of 6
2b	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam may select one: HIS 101, HIS 102, HIS 104, HIS 105, GEO 101	3 of 6
3	HUMANITIES OR THE ARTS	3
3a	Select one: SUNY Approved Humanities or Arts Course	3 of 3
4	SOCIAL SCIENCE	3
4a	PSY101 General Psychology or SOC101 Introductory Sociology	3 of 3
5	MATHEMATICS	3
5a	MAT129 Statistics	3 of 3
6	NATURAL SCIENCE	4
6a	BIO150 Survey of Anatomy & Physiology or BIO152 Anatomy & Physiology 1	4 of 4
7	PROGRAM REQUIREMENTS	32
7a	PED104 Teaching Methodologies in Sport Skills Studies	3 of 32
7b	PED250 Introduction to Physical Education	3 of 32
7c	PED272 Theory and Techniques of Coaching	3 of 32
7d	PED285 Exercise Physiology	4 of 32
7e	HED209 Health Sciences Related to Coaching	3 of 32
7f	Select two: PED271 Coaching Principles or PED255 Athletic Training or PED209 Water Safety Instruction	6 of 32
7g	PED144 Hiking, Walking, and Backpacking	2 of 32
7h	PED180 Rhythmic Movement and Dance	1 of 32
7i	Select four Intermediate PE Skills: PED121, PED140, PED141, PED149, PED151, PED154	4 of 32

ITEM	REQUIREMENT	CREDITS
8	FOREIGN LANGUAGE	3
8a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
9	GENERAL ELECTIVES	3
10	TOTAL	63
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

Liberal Arts and Science: Sport Management Studies (A.S.)

Majoring in Sport Management gives you the opportunity to apply business principles to the sport industry. Our program offers foundations of accounting, marketing, and management principles with a focus on sports information, sports facility management, and sport organization.

270: Sport Management–A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
ECO101 or ECO105	3
PED251	3
PED171 or PED172 or PED259	1-2
BUS101	3
PED 271	3
Total	16-17

Suggested Second Semester Credits

ENG102 or ENG105	3
PED277(Spring only)	3
ACC 101	3
HISTORY	3
SPE108 or SPE109	3
Total	15

Suggested Third Semester Credits

PSY101 or SOC101	3
MAT129	3
BIO102 or BIO108 or BIO150	3-4
PED258 (Fall Only)	3
CIS102 or CIS116	3
Total	15-16

Suggested Fourth Semester Credits

HUMANITIES ELECTIVE	3
PED261(Spring only)	3
FOREIGN LANGUAGE	3
HISTORY	3
BUS 109 or BUS205	3
Total	15

270: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Restricted Elective: Students should check with the transferring institution when selecting between BUS 109 or BUS 205.

Computer Elective: Students are encouraged to take CIS 116, unless they have very little background in computers.

270: Sport Management A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE108 Public Speaking or SPE109 Interpersonal Communication	3 of 9
2	HISTORY	6
2a	Select one: SUNY Approved Western Civilizations course or HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 6
2b	Select one: SUNY Approved World Civilizations course	3 of 6
3	HUMANITIES	3
3a	Select one: SUNY Approved Humanities course	3 of 3
4	SOCIAL SCIENCE	6
4a	PSY101 General Psychology or SOC101 Introductory Sociology	3 of 6
4b	ECO101 Microeconomics or ECO105 Macroeconomics	3 of 6
5	MATH	3
5a	MAT129 Statistics	3 of 3
6	NATURAL SCIENCE	Minimum 3
6a	BIO102 Human Biology or BIO108 Nutrition or BIO 150 Survey of Human Anatomy and Physiology	3 of 3
7	PROGRAM REQUIREMENTS	Minimum 28
7a	PED251 Introduction to Sports Management	3 of 28
7b	PED261 Sport Management Internship	3 of 28
7c	PED271 Principles of Coaching	3 of 28
7d	ACC101 Introduction to Financial Accounting	3 of 28
7e	BUS101 Principles of Business	3 of 28
7f	PED258 Sport Marketing	3 of 28
7g	PED277 Sport Facility Management	3 of 28

ITEM	REQUIREMENT	CREDITS
7h	BUS109 Principles of Retailing or BUS 205 Business Law 1	3 of 28
7i	CIS102 Intro to Computers or CIS116 Microcomputer Applications	3 of 28
7j	PED171 Body Conditioning or PED172 Weight Training or PED259 Beginning Personal Fitness	1 of 28
8	FOREIGN LANGUAGE	3
8a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
9	TOTAL	Minimum 61
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Health Care

Health Studies (CERT)

With the abundance of medical career options and specialties to consider, you may be unsure of what area interests you the most. GCC's Health Studies Certificate program provides the perfect opportunity for you to explore the wide range of health care career options while mastering basic communication and computer skills.

907: Health Studies–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT102, MAT108, MAT 121, or MAT129*	3
CHE100	3
BIO104 or BIO152 or BIO 150**	3-4
OFT 116 or OFT 150	3
Total	15-16

Suggested Second Semester Credits

ENG102	3
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Liberal Arts Elective or CIS 116	3
PSY 101	3
HED 205	3
OFT 135, OFT 155, or OFT 255	3
Total	15

907: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

907: Health Studies Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences	3 of 6
2	MATHEMATICS	3
2a	Nursing, Polysomnography or Vet Tech students select MAT108, PTA students select MAT121 and RCP may select one from MAT 102, MAT108, MAT121 or MAT129	3 of 3
3	NATURAL SCIENCE	Minimum 6
3a	Select one: BIO104, BIO150, or BIO152 (Polysomnography select BIO152)	3 of 6
3b	CHE 100 Introduction to Chemistry	3 of 6
4	SOCIAL SCIENCE	3
4a	PSY101 General Psychology	3 of 3
5	PROGRAM REQUIREMENTS	9
5a	OFT 116 Medical Terminology or OFT 150 Introduction to Health Insurance	3 of 9
5b	Select one: OFT 135, OFT 155, or OFT 255	3 of 9
5c	SUNY Approved Liberal Arts Elective or CIS116	3 of 9
7	HED/PED/ATH	3
7a	HED205 Responding to Emergencies	3 of 3
8	TOTAL	Minimum 30
9	Reading and Math Proficiency Required	0
10	Minimum QPI: 2.00	0

Nursing (A.A.S.)

Registered Nurses (R.N.'s) work to promote health, prevent disease, and help patients cope with illness. GCC's two-year Nursing program prepares you to pass the national R.N. licensing examination, and is accredited by the Accreditation Commission for Education in Nursing.

621: Nursing–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG 101 (By Placement)	3
PSY 101	3
BIO 152	4
NUR 111	5
NUR LC1	3
Total	18

Suggested Second Semester Credits

ENG 102	3
NUR 122	3
BIO 153	4
NUR 112	5
NUR LC2	3
Total	18

Suggested Third Semester Credits

BIO 201	4
NUR 211	5
NUR LC3	3
NUR 230	3
Total	15

Suggested Fourth Semester Credits

NUR 212	5
NUR LC4	3
NUR 222	2
NUR LC5	3
Total	13

621: Specific Nursing Requirements

Nursing students must achieve a minimum grade of “C” in all NUR courses and the sciences (BIO152, BIO153 and BIO201) and a grade of “CP” in all clinical courses to progress in the program.

NOTE: Students planning to transfer should carefully review their program with an academic advisor to ensure that course sequences meet the requirements of the institution to which they expect to transfer.

621: General Curriculum Information

As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

621: Nursing A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences	3 of 6
2	SOCIAL SCIENCE	3
2a	PSY101 General Psychology	3 of 3
3	SCIENCE (See item 8 for special grade requirements)	12
3a	BIO152 Anatomy & Physiology 1	4 of 12
3b	BIO153 Anatomy & Physiology 2	4 of 12
3c	BIO201 Microbiology and Human Disease	4 of 12
4	NURSING (See item 8 for special grade requirements)	43
4a	NUR 111 Nursing 1	5 of 43
4b	NUR LC1 Nursing Lab/Clinical 1	3 of 43
4c	NUR 112 Nursing 2	5 of 43
4d	NUR LC2 Nursing Lab/Clinical 2	3 of 43
4e	NUR 122 Pharmacology for Nurses	3 of 43
4f	NUR 211 Nursing 3	5 of 43
4g	NUR LC3 Nursing Lab/Clinical 3	3 of 43
4h	NUR 212 Nursing 4	4 of 43
4i	NUR LC4 Nursing Lab/Clinical 4	3 of 43
4j	NUR 230 Professional Issues in Nursing	3 of 43
4k	NUR 222 Nursing 5	2 of 43
4l	NUR LC5 Nursing Lab/Clinical 5	3 of 43
5	TOTAL	64
6	Reading and Math Proficiency Required	0
7	Minimum QPI: 2.00	0
8	Special grade requirements: All Science and Nursing courses must be completed with a grade of C or better (C minus is not acceptable), CR, TR) A grade of CP is required for clinical.	0

621: Nursing A A S Degree Requirements Table PN to RN

FALL 2018 to CURRENT

Students with Pre-admission to the PN to RN program must pass NUR130 (PN to RN Transition) & NUR131(Intro to ADN) with a grade of “C” or better to be accepted to the RN program.

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences	3 of 6
2	SOCIAL SCIENCE	3
2a	PSY101 General Psychology	3 of 3
3	SCIENCE (See item 8 for special grade requirements)	12
3a	BIO152 Anatomy & Physiology 1	4 of 12
3b	BIO153 Anatomy & Physiology 2	4 of 12
3c	BIO201 Microbiology and Human Disease	4 of 12
4	NURSING (See item 8 for special grade requirements)	43
4a	NUR 111 Nursing 1 (see note)	5 of 43
4b	NUR LC1 Nursing Lab/Clinical 1 (see note)	3 of 43
4c	NUR 112 Nursing 2 (see note)	5 of 43
4d	NUR LC2 Nursing Lab/Clinical 2 (see note)	3 of 43
4e	NUR 122 Pharmacology for Nurses (see note)	3 of 43
4f	NUR 211 Nursing 3	5 of 43
4g	NUR LC3 Nursing Lab/Clinical 3	3 of 43
4h	NUR 212 Nursing 4	4 of 43
4i	NUR LC4 Nursing Lab/Clinical 4	3 of 43
4j	NUR 230 Professional Issues in Nursing	3 of 43
4k	NUR 222 Nursing 5	2 of 43
4l	NUR LC5 Nursing Lab/Clinical 5	3 of 43
5	TOTAL	64
6	Reading and Math Proficiency Required	0
7	Minimum QPI: 2.00	0
8	Special grade requirements: All Science and Nursing courses must be completed with a grade of C or better (C minus is not acceptable), CR, TR) A grade of CP is required for clinical.	0

NOTE: Credit is granted for NUR 111, NUR LC1, NUR112, NURLC2 and NUR 122 upon completion of RN program requirements.

Physical Therapist Assistant (A.A.S.)

The PTA is a licensed healthcare professional dedicated to high standards of clinical practice. The PTA Program at GCC is an intense, academically rigorous program and requires dedicated, hardworking students with solid support systems. In order to pass the challenging national licensing exam and achieve the skill set necessary for excellence in clinical practice, students can expect a demanding course load, robust study, considerable practice of treatment techniques, research and collaborative project work outside the scheduled class hours.

623: Physical Therapist Assistant–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

PTA101	3
PTALB1	2
BIO152	4
HUS250	3
MAT121	3
PTA106	2
Total	17

Suggested Second Semester Credits

PTA102	3
PTALB2	2
PTA110	2
PTALB3	1
BIO153	4
ENG101	3
Total	15

Suggested Summer Session

PTA121	3
Total	3

Suggested Third Semester Credits

PTA203	3
PTALB4	2
PTA202	3
HUS124	3
ENG102	3

PSY101	3
Total	17

Suggested Fourth Semester Credits

PTA208	3
PTALB5	2
PTA223	5
PTA222	4
Total	14

Note: All math, science, and PTA courses must be completed with a grade of “C” or better in order to satisfy the requirements for this program.

623: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

General Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

623: Physical Therapist Assistant A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences	3 of 6
2	MATHEMATICS and SCIENCE <i>(See item 8 for special grade requirements)</i>	11
2a	BIO152 Anatomy & Physiology 1	4 of 11
2b	BIO153 Anatomy & Physiology 2	3 of 11
2c	MAT121 Technical Math 1	3 of 11
3	SOCIAL SCIENCE	9
3a	PSY101 General Psychology	3 of 9
3b	HUS124 Gerontology	3 of 9
3c	HUS250 Introduction to Developmental Disabilities	3 of 9
4	PHYSICAL THERAPY <i>(See item 8 for special grade requirements)</i>	40
4a	PTA101 Physical Therapist Interventions 1	3 of 40
4b	PTALB1 Lab For PTA 101	2 of 40
4c	PTA102 Physical Therapist Interventions 2	3 of 40
4d	PTALB2 Lab for PTA 102	2 of 40
4e	PTA106 Introduction to Physical Therapy	2 of 40
4f	PTA110 Kinesiology	2 of 40
4g	PTALB3 Kinesiology Lab	1 of 40
4h	PTA202 Applied Neurology	3 of 40
4i	PTA203 Physical Therapist Interventions 3	3 of 40
4j	PTALB4 Lab for PTA203	2 of 40
4k	PTA121 Clinical Experience 1	3 of 40
4l	PTA222 Clinical Experience 2	4 of 40
4m	PTA208 Physical Therapy Interventions 4	3 of 40
4n	PTALB5 Lab for PTA208	2 of 40
4o	PTA223 Clinical Experience 3	5 of 40

ITEM	REQUIREMENT	CREDITS
5	TOTAL	66
6	Reading and Math Proficiency Required	0
7	Minimum QPI: 2.00	0
8	Special grade requirements: All Science and Nursing courses must be completed with a grade of C or better (C minus is not acceptable), CR, TR). A grade of CP is required for clinical.	0

Respiratory Care (A.A.S.)

A Respiratory Therapist Assistant is responsible for setting up and operating the life-saving machines that help people breathe when breathing disorders and difficulties prevent them from adequately doing so on their own. As a Respiratory Therapist, you will also use a variety of sophisticated equipment and techniques to evaluate and monitor a patient's respiratory health.

645: Respiratory Care–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

BIO152	4
MAT102 or MAT 108 or MAT121 or MAT129	3
RCP101	2
RCPLB1	1
RCP103	3
RCP108	1
Total	14

Suggested Second Semester Credits

BIO153	4
BIO201	4
RCP114	2
RCPLB2	1
RCP115	2
RCPLB3	1
Total	14

Suggested Summer Semester Credits

RCP116	1
RCPLB4	1
RCP117	1

RCP118	2
Total	5

Suggested Third Semester Credits

ENG101	3
RCP202	2
RCP203	3
RCP204	2
RCP209	3
RCP210	5
Total	18

Suggested Fourth Semester Credits

ENG102 or ENG105	3
PSY101	3
RCP216	5
RCP218	2
Total	13

645: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

645: Respiratory Care A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	END102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	SOCIAL SCIENCE	3
2a	PSY101 General Psychology	3 of 3
3	MATHEMATICS and NATURAL SCIENCE (See item 8 for special grade requirement)	15
3a	MAT102 Algebra 2 or MAT108 Survey of Mathematics or MAT 121 Technical Mathematics 1 or MAT129 Statistics	3 of 15
3b	BIO152 Anatomy & Physiology 1	4 of 15
3c	BIO153 Anatomy & Physiology 2	4 of 15
3d	BIO201 Microbiology and Human Disease	4 of 15
4	RESPIRATORY CARE (See item 8 for special grade requirement)	40
4a	RCP101 Respiratory Care I	2 of 40
4b	RCPLB1 Respiratory Care I Lab	1 of 40
4c	RCP103 Cardiopulmonary Anatomy/Physiology	3 of 40
4d	RCP108 Medical Terminology for Health Studies	1 of 40
4e	RCP114 Respiratory Care II	2 of 40
4f	RCPLB2 Respiratory Care II Lab	1 of 40
4g	RCP115 Mechanical Ventilation I	2 of 40
4h	RCPLB3 Mechanical Ventilation I Lab	1 of 40
4i	RCP116 Mechanical Ventilation II	1 of 40
4j	RCPLB4 Mechanical Ventilation II Lab	1 of 40
4k	RCP117 Respiratory Pharmacology	1 of 40
4l	RCP118 Clinical Practice I	2 of 40
4m	RCP202 Cardiopulmonary Pharmacology	2 of 40
4n	RCP203 Neonatal and Pediatric Respiratory Care	3 of 40
4o	RCP 204 Cardiopulmonary Disease	2 of 40
4p	RCP209 Cardiopulmonary Diagnostics	3 of 40

ITEM	REQUIREMENT	CREDITS
4q	RCP210 Clinical Practice II	5 of 40
4r	RCP216 Clinical Practice III	5 of 40
4s	RCP218 Respiratory Care III	2 of 40
5	TOTAL	64
6	Reading and Math Proficiency Required	0
7	Minimum QPI: 2.00	0
8	Special Grade Requirement: A grade of C (C minus is not acceptable) or higher, TR, CR required for all Science and Respiratory Care Courses.	0

Polysomnographic Technology (A.A.S.)

From sleep apnea to narcolepsy to insomnia—there are 84 different classifications of sleep disorders and more than 70 million Americans suffer from sleeping disease. In fact, sleep disorders have become one of the fastest growing health concerns today with an 18% job growth expected through 2024. For these reasons, Genesee Community College’s Polysomnographic Technology program helps train sleep technologists and prepares them for great careers in this emerging healthcare specialty.

647: Polysomnographic Technology A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

BIO 150	4
ENG I01	3
MATH ELECTIVE	3
PSG 105	3
PSG 110	3
PSG LB1	1
RCP 108	1
Total	18

Suggested Second Semester Credits

PSG 114	3
PSG LB2	1
PSG 116	3
PSG 120	3
PSG LB3	1
PSY 101	3

Total	14
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Suggested Third Semester Credits

CHE 100	3
ENG 102 or ENG 105	3
HED/PED/ATH	2
PSG 205	4
PSG 212	3
Total	15

Suggested Fourth Semester Credits

HISTORY ELECTIVE	3
ART/HUMANITIES/LANGUAGE ELECTIVE	3
PSG 215	4
PSG 220	4
Total	14

647: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

647: Polysomnographic Technology A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	HUMANITIES or FOREIGN LANGUAGE or THE ARTS	3
2a	Select from: SUNY Approved Arts course or SUNY Approved Humanities course or SUNY Approved Foreign Language course	3 of 3
3	HISTORY	3
3a	Select one: HIS 101, 102, 104, 105, 203 or 204	3 of 3
4	SOCIAL SCIENCE	3
4a	PSY101 General Psychology	3 of 3
5	MATHEMATICS	3
5a	Select one: SUNY Approved Mathematics Course (except MAT 117)	3 of 3
6	SCIENCE	7
6a	BIO150 Survey of Human Anatomy and Physiology	4 of 7
6b	CHE100 Introduction to Chemistry	3 of 7
7	HED/PED/ATH	2
7a	Select 2 credits from any HED, PED, ATH option	2 of 2
8	POLYSOMNOGRAPHIC TECHNOLOGY (See item 12 for Special Grade Requirements)	34
8a	PSG105 Physiology of Sleep Medicine	3 of 34
8b	PSG110 Polysomnography I	3 of 34
8c	PSGLB1 Lab for PSG110	1 of 34
8d	RCP108 Medical Terminology for Health Studies	1 of 34
8e	PSG114 Sleep Study Instrumentation	3 of 34
8f	PSGLB2 Lab for PSG114	1 of 34
8g	PSG116 Sleep Disorders	3 of 34
8h	PSG120 Polysomnography II	3 of 34
8i	PSGLB3 Lab for PSG120	1 of 34

ITEM	REQUIREMENT	CREDITS
8j	PSG205 Polysomnography Clinical I	4 of 34
8k	PSG212 Infant/Pediatric Polysomnography III	3 of 34
8l	PSG215 Polysomnography Clinical II	4 of 34
8m	PSG220 Polysomnography IV	4 of 34
9	TOTAL	61
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0
12	Special Grade Requirements: A grade of C or higher (C minus is not acceptable), TR, CR for all Polysomnography Courses)	0

Veterinary Technology (A.A.S.)

The Veterinary Technology program at GCC will let you turn your love of animals into an exciting new career where you can make a difference in the lives of animals and people. Earning this degree will enter you into a field that is constantly changing, with new advances and techniques often occurring.

235: Veterinary Technology - A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101	3
MATHEMATICS ELECTIVE	3
PSY101	3
VET100 (Fall Only)	1
VET101 (Fall Only)	2
VET112 (Fall Only)	3
VET LB1 (Fall Only)	1
Total	16

Suggested Second Semester Credits

ENG102 or ENG105	3
BIO103 (Spring Only)	3
VET113 (Spring Only)	3
VET LB2 (Spring Only)	1
VET124 (Spring Only)	3
VET223 (Spring Only)	2
VET LB3 (Spring Only)	1
Total	16

Summer Semester (First Module) Credits

VET201 (Summer Only)	2
HISTORY ELECTIVE	3
Total	5

Suggested Third Semester Credits

VET202 (Fall Only)	1
VET280(Fall Only)	3
VET234 (Fall Only)	3
VET LB4 (Fall Only)	1
VET245 (Fall Only)	3
VET LB5 (Fall Only)	1
VET246 (Fall Only)	3
VET LB6 (Fall Only)	1
Total	16

Suggested Fourth Semester Credits

Spanish Language Elective	3
VET203 (Spring Only)	1
VET257(Spring Only)	3
VET268 (Spring Only)	3
VET LB7 (Spring Only)	1
VET279 (Spring Only)	3
VET LB8 (Spring Only)	1
VET212 (Spring Only)	2
Total	17

235: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

235: Veterinary Technology A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	SOCIAL SCIENCES	3
2a	PSY101 General Psychology	3 of 3
3	HISTORY	3
3a	Select One: GEO101, HIS101, 102, 104, 105, 203, or 204	3 of 3
4	MATH AND SCIENCE	6
4a	Select one course: SUNY Approved Mathematics	3 of 6
4b	BIO 103 Introduction to Microbiology	3 of 6
5	FOREIGN LANGUAGE	3
5a	SPA101 Introductory Spanish 1 or higher	3 of 3
6	VETERINARY TECHNOLOGY	49
6a	VET100 Veterinary Technology Orientation	1 of 49
6b	VET101 Introduction to Veterinary Technology	2 of 49
6c	VET112 Animal Anatomy and Physiology 1	3 of 49
6e	VET LB1 Lab for VET 112	1 of 49
6f	VET113 Animal Anatomy and Physiology 2	3 of 49
6g	VET LB2 Lab for VET 113	1 of 49
6h	VET124 Veterinary Pharmacy and Pharmacology	3 of 49
6i	VET201 Animal Clinic Externship 1	2 of 49
6j	VET202 Animal Clinic Externship 2	1 of 49
6k	VET212 Veterinary Nutrition	2 of 49
6l	VET223 Techniques in Laboratory Animals and Exotics	2 of 49
6m	VETLB3 Lab for VET223	1 of 49
6n	VET234 Clinical Laboratory Techniques	3 of 49
6o	VETLB4 Lab for VET234	1 of 49
6p	VET245 Small Animal Pathology and Nursing	3 of 49

ITEM	REQUIREMENT	CREDITS
6q	VETLB5 Lab for VET245	1 of 49
6r	VET246 Large Animal Pathology and Nursing	3 of 49
6s	VETLB6 Lab for VET246	1 of 49
6t	VET203 Animal Clinic Externship 3	1 of 49
6u	VET257 Principles of Veterinary Business	3 of 49
6v	VET268 Surgical Nursing and Anesthesiology	3 of 49
6w	VETLB7 Lab for VET268	1 of 49
6x	VET279 Veterinary Radiology and Anesthesiology	3 of 49
6y	VETLB8 Lab for VET279	1 of 49
6z	VET280 Veterinary Parasitology	3 of 49
7	TOTAL	70
8	Reading and Math Proficiency Required	0
9	2.0 minimum grade in all courses in the degree program	0
10	Minimum QPI: 2.00	0

Human Services

Alcohol and Substance Abuse Studies (A.S.)

Understanding the effects of alcohol and drug use is important in order to help others. The Alcohol and Substance Abuse Studies Program was developed as a foundation for students who intend to transfer into social work, human services or alcohol/substance abuse majors at four-year schools.

260: Alcohol and Substance Abuse–A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester *Credits*

ENG101 (By Placement)	3
HUR101	3
HUS101	3
PSY101	3
HUS113	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
HUS110	3
SOC101	3
HUS114	3
AMERICAN HISTORY ELECTIVE	3
Total	15

Suggested Third Semester Credits

HUMANITIES ELECTIVE	3
HUS201	3
HEALTH/PE/ATH	2
MAT129	3
WORLD CIVILIZATION ELECTIVE	3
FOREIGN LANG/GEN ELECTIVE	3
Total	17

Suggested Fourth Semester Credits

WESTERN CIVILIZATION ELECTIVE	3
BIO102	3
RESTRICTED ELECTIVE	3
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
Total	15

260: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

260: Alcohol and Substance Abuse A S Degree Requirements Table

FALL 2018 to CURRENT

ITEMS	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: Select one: ART103, ART104, THE202 or THE204	3 of 9
2c	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 9
3	HUMANITIES	3
3a	Select one: SUNY Approved Humanities course	3 of 3
4	SOCIAL SCIENCE	6
4a	PSY101 General Psychology	3 of 6
4b	SOC101 Introductory Sociology	3 of 6
5	MATHEMATICS	3
5a	MAT 129 Statistics	3 of 3
6	NATURAL SCIENCE	3
6a	BIO102 Human Biology	3 of 3
7	PROGRAM REQUIREMENTS	18
7a	HUR 101 Human Relations 1: Interpersonal Skills	3 of 18
7b	HUS101 Introduction to Human Services	3 of 18
7c	HUS110 Internship in Human Services 1	3 of 18
7d	HUS201 Internship in Human Services 2	3 of 18
7e	HUS113 Alcohol/Drug Use and Abuse	3 of 18
7f	HUS114 The Family: Impact of Alcohol/Drug Use and Abuse	3 of 18

ITEMS	REQUIREMENT	CREDITS
8	RESTRICTED ELECTIVES	3
8a	Select one from: HED204, HUR102, HUS103, HUS104, HUS106, HUS124, HUS130, HUS250, HUS251, POS101, POS103, PSY102, PSY106, PSY202, SOC102, SOC103, SOC115	3 of 3
9	FOREIGN LANGUAGE	3
9a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit SUNY General Education Elective.	3 of 3
10	HEALTH/PE/ATH	2
10a	Select 2 credits from any HED, PED, ATH option	2 of 2
11	GENERAL ELECTIVES	6
12	TOTAL	62
13	Reading and Math Proficiency Required	0
14	Minimum QPI: 2.00	0

Child Care (CERT)

The Child Care Certificate program is designed to prepare you to become a care-giver to young children. The program is also designed to upgrade your skills and knowledge even if you already work with young children.

906: Child Care–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
PSY101	3
HUS101	3
HUS106 or HUS104	3
RESTRICTED ELECTIVE	3
Total	15

Suggested Second Semester Credits

PSY210	3
HUS110	3
HUS104 or HUS106	3
RESTRICTED ELECTIVE	3
HED204	3
Total	15

906: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Students may enroll concurrently in the Human Services Degree Program

906: Child Care Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	3
1a	ENG101 College Composition	3 of 3
2	SOCIAL SCIENCES	6
2a	PSY101 General Psychology	3 of 6
2b	PSY210 Child Development	3 of 6
3	HUMAN SERVICES	21
3a	HUS101 Introduction to Human Services	3 of 21
3b	HUS110 Field Experiences in Human Service 1	3 of 21
3c	HUS104 The Preschool Child: Health, Safety and Nutrition	3 of 21
3d	HUS106 Early Childhood Education–Methods & Materials	3 of 21
3e	HED204 Intro to Healthful Living	3 of 21
3f	Restricted Electives–Select from: ASL101, ASL102, ASL201, HED205, HUS107, HUS108, HUS109, HUS130, HUS250, HUS251, HUS103, HUS/HED113, HUS/HED114, LIT203, PSY202, SOC103, SPA***	6 of 21
4	TOTAL	30
5	Reading and Math Proficiency Required	0
6	Minimum QPI: 2.00	0

Developmental Disabilities Studies (CERT)

Our certificate program addresses the skills and knowledge necessary for you to succeed as a human service worker. The certificate may be completed in one year (full-time) and can be taken separately or as part of the Human Services AAS Degree Program.

908: Developmental Disabilities Studies–Certificate**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
PSY101	3
HUS101	3
BIO102	3

HUS250	3
PED177	2
Total	17

Suggested Second Semester Credits

PSY210 or PSY211	3
HUS110	3
HUS251	3
RESTRICTED ELECTIVE	3
HED205	3
Total	15

908: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Note 1: Students interested in working with children must complete the NYS Child Abuse & Reporting Seminar before employment.

Note 2: This certificate can be taken separately or in conjunction with a Human Services Program associate's degree.

908: Developmental Disabilities Studies Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	3
1a	ENG101 College Composition	3 of 3
2	SOCIAL SCIENCE	18
2a	HUS101 Introduction to Human Services	3 of 18
2b	HUS110 Field Experiences in Human Service 1	3 of 18
2c	HUS250 Introduction to Developmental Disabilities	3 of 18
2d	HUS251 Developmental Disabilities: Strategies and Lifespan Applications	3 of 18
2e	PSY101 General Psychology	3 of 18
2f	PSY 210 Child Development or PSY 211 Adolescent Development	3 of 18
3	NATURAL SCIENCE	3
3a	BIO102 Human Biology	3 of 3

ITEM	REQUIREMENT	CREDITS
4	RESTRICTED ELECTIVE	3
4a	Select one: ART110, ART123, ART127, ASL101, MUS101, THE101, THE103, HED204, HUS104, HUS106, HUS/HED113, HUS/HED114, HUS124, HUS130, HUR101, SOC101, PSY202, PSY204	3 of 3
5	HEALTH/PED	5
5a	HED205 Responding to Emergencies	3 of 5
5b	PED177 Adaptive Physical Education	2 of 5
6	TOTAL	32
7	Reading and Math Proficiency Required	0
8	Minimum QPI: 2.00	0

Human Services (A.S., A.A.S.)

Human services employees are called upon to provide a wealth of services to people at every stage of life, from infancy to senior adulthood. The human services field encompasses hundreds of different careers in both public and private organizations.

650: Human Services–A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
HUR101	3
HUS101	3
PSY101	3
GENERAL ELECTIVE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
HUS110	3
SOC101	3
AMERICAN HISTORY ELECTIVE	3
GENERAL ELECTIVE	3
Total	15

Suggested Third Semester Credits

SPE108	3
HUS201	3
MAT129	3
FOREIGN LANG/GENERAL ELECTIVE	3
WESTERN CIVILIZATION ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

WORLD CIVILIZATION ELECTIVE	3
BIO102	3
HED/PED/ATH	2
HUMANITIES	3
GENERAL ELECTIVE	3
RESTRICTED ELECTIVE	3
Total	17

650: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

650: Human Services A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE108 Public Speaking	3 of 9
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any <u>SUNY Approved American History course</u>	3 of 9
2b	Western Civilization: Select one: ART103, ART104, THE202, THE204	3 of 9
2c	World Civilization: Select one: <u>SUNY Approved World Civilizations course</u>	3 of 9
3	HUMANITIES	3
3a	Select one: <u>SUNY Approved Humanities course</u>	3 of 3
4	SOCIAL SCIENCE	6
4a	PSY101 General Psychology	3 of 6
4b	SOC101 Introductory Sociology	3 of 6
5	MATHEMATICS	3
5a	MAT129 Statistics	3 of 3
6	NATURAL SCIENCE	3
6a	BIO102 Human Biology	3 of 3
7	PROGRAM REQUIREMENTS	12
7a	HUR101 Human Relations 1: Interpersonal Skills	3 of 12
7b	HUS101 Introduction to Human Services	3 of 12
7c	HUS110 Internship in Human Services 1	3 of 12
7d	HUS201 Internship in Human Services 2	3 of 12
8	RESTRICTED ELECTIVES	3
8a	Select one: HED204, HUR102, HUS103, HUS104, HUS106, HUS124, HUS130, HUS250, HUS251, POS101, POS103, PSY102, PSY106,	3 of 3

ITEM	REQUIREMENT	CREDITS
	PSY202, SOC102, SOC103, SOC115	
9	HED/PED/ATH	2
9a	Select 2 credits from any HED, PED, ATH option	2 of 2
10	FOREIGN LANGUAGE	
10a	Select one: <u>SUNY Approved Foreign Language course</u> Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
11	GENERAL ELECTIVES	9
12	TOTAL	62
13	Reading and Math Proficiency Required	0
14	Minimum QPI: 2.00	0

605: Human Services–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
HUR101	3
HUS101	3
PSY101	3
GENERAL ELECTIVE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
HUS110	3
SOC101	3
HUR102	3
GENERAL ELECTIVE	3
Total	15

Suggested Third Semester Credits

WORLD CIV ELECTIVE	3
HUS201	3
SCIENCE ELECTIVE	3
RESTRICTED ELECTIVE	3
SPE108	3
Total	15

Suggested Fourth Semester Credits

RESTRICTED ELECTIVE	3
RESTRICTED ELECTIVE	3
ART ELECTIVE	3
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
HED/PED/ATH	2
Total	17

605: Suggested General Electives

Career:

Social Work Aide: CIS102, HED201, HED207, HUS103, HUS113, HUS114, HUS124, POS103, PSY102, PSY201, PSY202, PSY204, SOC102, SOC103, SOC115, SOC203, BUS101

Gerontology Aide: ART/MUS, BIO102, CIS102, HED205, HUS124, HUS130, PSY102. A Gerontology Certificate can be taken concurrently with the Human Services Program.

Special Ed Aide: CIS102, HED205, ASL101, HUS250, HUS251, PED177, PSY102, PSY202. A Developmental Disabilities Certificate can be taken concurrently with the Human Services Program.

Child Care/Ed Aide: SPA/ART/MUS, CIS102, HED205, LIT203, HUS103, HUS104, HUS106, HUS251, HUS107, HUS108, HUS109, PSY102, PSY202, SOC103. A Childcare Certificate can be taken concurrently with the Human Services Program.

Alcohol/Drug Rehab: BIO102, HUS103, HUS113, HUS114

NOTE: Students must consult with an advisor before selecting electives. An advisor will assist the student in matching the elective with the requirements of the intended transfer institution.

605: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

605: Human Services A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE108 Public Speaking	3 of 9
2	THE ARTS	3
2a	Select one: SUNY Approved Arts course	3 of 3
3	HISTORY	3
3a	Select one: SUNY Approved World Civilizations course	3 of 3
4	SOCIAL SCIENCE	6
4a	PSY101 General Psychology	3 of 6
4b	SOC101 Introductory Sociology	3 of 6
5	PROGRAM REQUIREMENTS	15
5a	HUS101 Human Services	3 of 15
5b	HUS110 Internship in Human Service 1	3 of 15
5c	HUS201 Internship in Human Service 2	3 of 15
5d	HUR101 Human Relations 1	3 of 15
5e	HUR101 Human Relations 2	3 of 15
6	RESTRICTED ELECTIVES	9
6a	Select From: ANT102, any ASL option, HED204, HUS103, HUS104, HUS106, HUS113, HUS114, HUS124, HUS130, HUS/SOC204, HUS250, HUS251, LIT203, POS101, POS103, PSY102, PSY106, PSY201, PSY202, PSY204, SOC102, SOC103, SOC115, SOC240, any SPA option	9 of 9
7	NATURAL SCIENCE	3
7a	Select one: SUNY Approved Natural Science course	
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	

ITEM	REQUIREMENT	CREDITS
9	GENERAL ELECTIVES	12
10	TOTAL	62
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

Gerontology (CERT)

This certificate program will expand your knowledge and skills of working with older adults. Our program is also designed to enhance your skills if you are presently employed in the gerontology field.

905: Gerontology–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
HUS101	3
HUS124	3
PSY101	3
HUR 101	3
Total	15

Suggested Second Semester Credits

BIO102	3
HUS110	3
RESTRICTED ELECTIVE	3
RESTRICTED ELECTIVE	3
HUS130	3
Total	15

Note: Students may enroll concurrently in the Human Services degree program.

905: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

905: Gerontology Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	3
1a	ENG101 College Composition	3 of 3
2	SOCIAL SCIENCE	24
2a	HUR101 Human Relations	3 of 24
2b	HUS101 Human Services	3 of 24
2c	HUS110 Field Experiences in Human Service 1	3 of 24
2d	HUS124 Gerontology	3 of 24
2e	HUS130 Death & Dying	3 of 24
2f	PSY101 General Psychology	3 of 24
2g	Restricted Elective–Select six (6) credits from: ART101, ART123, ART127, ASL101, HUS103, HUS/HED113, HUS/HED114, HUS250, HUS251, HED204, HED205, HUR101, HUR102, MUS101, MUS102, PSY204, THE101	6 of 24
3	NATURAL SCIENCE	3
3a	BIO102 Human Biology	3 of 3
4	TOTAL	30
5	Reading and Math Proficiency Required	0
6	Minimum QPI: 2.00	0

Law and Criminal Justice**Criminal Justice (A.S., A.A.S., CERT)**

As a Criminal Justice professional, you will enjoy satisfying careers in a growing field. The work is exciting and fulfilling, offering the opportunity to help others on a daily basis.

Criminal Justice: Corrections Counseling

Our criminal justice system deals with a multitude of offenders from all walks of life. Counselors are needed to assist those individuals who are released into society from jail or prison and are participating in various alternatives to incarceration programs.

Criminal Justice: Forensics

CSI has become a familiar term in today's society because of television and movies. In the real world, the use of forensic science is often used to link a suspect to a crime.

Criminal Justice: Homeland Security/Emergency Management

Homeland Security and Emergency Management is an important aspect in today's society. There are many different roles and responsibilities of governmental agencies, not-for-profit and private agencies, and other sectors in the case of an emergency.

Criminal Justice: Policing

Police Officers are the first line of defense in our society and often are called upon to handle a multitude of issues. Officers need to be enforcers, mediators, counselors, referees, social workers, and public servants.

240: Criminal Justice–A.S.

SEMESTER COURSE PLANNING WORKSHEET

Fall 2018 to CURRENT

SUGGESTED FIRST SEMESTER CREDITS

ENG101 (By Placement)	3
SPE108 or SPE109 or HUR101	3
SOC101	3
CRJ101	3
CRJ113	3
Total	15

SUGGESTED SECOND SEMESTER CREDITS

ENG102 or ENG105	3
HISTORY ELECTIVE	3
PSY101	3
CRJ110	3
CRJ112	3
Total	15

SUGGESTED THIRD SEMESTER CREDITS

SOC115 or SOC210	3
ARTS/FOREIGN LANGUAGE ELECTIVE	3
MATH ELECTIVE	3
RESTRICTED ELECTIVE	3
CRJ206	3
Total	15

SUGGESTED FOURTH SEMESTER CREDITS

HUMANITIES ELECTIVE	3
SCIENCE ELECTIVE	3
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
CRJ205	3

HEALTH/PED/ATH	2
Total	17

240: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

240: Criminal Justice A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences	3 of 9
1c	SPE108 Public Speaking or SPE 109 Interpersonal Communications or HUR101 Human Relations	3 of 9
2	HISTORY	3
2a	Select one: HIS101, HIS102, HIS104, HIS105, HIS203, HIS204 or GEO101	3 of 3
3	THE ARTS OR FOREIGN LANGUAGE	3
3a	Select one: SUNY Approved Arts or Foreign Language Course	3 of 3
4	HUMANITIES	3
4a	Select one: SUNY Approved Humanities Course	3 of 3
5	<i>SOCIAL SCIENCE</i>	9
5a	PSY101 General Psychology	3 of 9
5b	SOC101 Introductory Sociology	3 of 9
5c	SOC115 Crime and Delinquency	3 of 9
6	MATHEMATICS	3
6a	Select one: SUNY Approved Mathematics Course (MAT129 is recommended or MAT 102 and PSY 250 as an elective)	3 of 3
7	NATURAL SCIENCE ELECTIVE	3
7a	Select one: SUNY Approved Natural Sciences Course	3 of 3
8	CRIMINAL JUSTICE PROGRAM COURSES	18
8a	CRJ101 Introduction to Criminal Justice	3 of 18
8b	CRJ110 Criminal Law	3 of 18
8c	CRJ112 Policing	3 of 18
8d	CRJ113 Introduction to Corrections	3 of 18
8e	CRJ205 Administration in Criminal Justice	3 of 18
8f	CRJ206 Criminal Investigation: Law and Process	3 of 18
8g	Restricted Elective: Select one: CRJ111, CRJ118/ANT118,	3 of 18

ITEM	REQUIREMENT	CREDITS
	CRJ119, CRJ120, CRJ122, CRJ125, CRJ209, CRJ222, SOC115, HUR101, HUS113, PSY250	
9	HEALTH/PE/ATH	2
9a	Select 2 credits from any HED, PED, ATH option	2 of 2
10	GENERAL ELECTIVES	6
11	TOTAL	62
12	Reading and Math Proficiency Required	0
13	Minimum QPI: 2.00	0

640: Criminal Justice–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

SUGGESTED FIRST SEMESTER CREDITS

ENG101 (By Placement)	3
SPE108 or SPE109 or HUR101	3
SOC101	3
CRJ101	3
CRJ113	3
Total	15

SUGGESTED SECOND SEMESTER CREDITS

ENG102	3
PSY101	3
RESTRICTED/CONCENTRATION ELECTIVE	3
CRJ110	3
CRJ112	3
Total	15

SUGGESTED THIRD SEMESTER CREDITS

SCIENCE ELECTIVE	3
HUMANITIES/ARTS/FOREIGN LANGUAGE	3
GENERAL ELECTIVE	3
RESTRICTED/CONCENTRATION ELECTIVE	3
CRJ206	3
Total	15

<i>SUGGESTED FOURTH SEMESTER</i>	<i>CREDITS</i>
HISTORY ELECTIVE	3
GENERAL ELECTIVE	3
RESTRICTED/CONCENTRATION ELECTIVE	3
RESTRICTED/CONCENTRATION ELECTIVE	3
CRJ205	3
HED/PED/ATH	2
Total	17

The following is a list of required courses for the four specific areas of concentration:

Policing: CRJ111, CRJ209 (Spring Only), CRJ119 (Spring only), CRJ222 (Spring only)

Homeland Security/Emergency Management: CRJ111, CRJ119 (Spring only), CRJ120 (Spring only), CRJ122 (Fall only)

Corrections Counseling: HUR101, HUS113, SOC115/SOC 210, CRJ209 (Spring only)

General: Any four restricted Electives

Forensics: CRJ125 (Spring only), CHE100, BIO102, CRJ118 (Fall only)

640: General Curriculum Information

English (by placement): Satisfactory completion of the writing skills exam is a prerequisite for ENG101. Students who do not satisfactorily complete the writing exam must register for ENG091 and/or ENG100 prior to completing their six (6) hour English sequence.

Mathematics (by placement): Mathematics placement is based on the ACCUPLACER, ACT, ASSET, or COMPASS placement test.

Reading Proficiency Requirement: All students will be required to demonstrate proficiency in reading through testing prior to earning a degree or certificate. Students who do not meet the required standard will be expected to begin remediation immediately.

General Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

640: Criminal Justice A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences	3 of 9
1c	SPE109 Public Speaking or SPE109 Interpersonal Communications or HUR101 Human Relations	3 of 9
2	HISTORY	3
2a	<i>Select one:</i> HIS101, HIS102, HIS104, HIS105, HIS203, HIS204 or GEO101	3 of 3
3	HUMANITIES or THE ARTS or FOREIGN LANGUAGE	3
3a	<i>Select one:</i> SUNY Approved Humanities, Arts or Foreign Language Course	3 of 3
4	SOCIAL SCIENCE	6
4a	PSY101 General Psychology	3 of 6
4b	SOC101 Introductory Sociology	3 of 6
5	NATURAL SCIENCE	3
5a	<i>Select one :SUNY Approved Natural Sciences Course Note: BIO102 and CHE100 are required for the Forensics Concentration – Students in the Forensics Concentration will be required to take an additional general elective course.</i>	3 of 3
6	CRIMINAL JUSTICE PROGRAM REQUIREMENTS	18
6a	CRJ101 Introduction to Criminal Justice	3 of 18
6b	CRJ110 Criminal Law	3 of 18
6c	CRJ112 Policing	3 of 18
6d	CRJ113 Introduction to Corrections	3 of 18
6e	CRJ205 Administration in Criminal Justice	3 of 18
6f	CRJ206 Criminal Investigation: Law and Process	3 of 18
7	CONCENTRATION OPTIONS	12
7a	Option one: General Concentration	12
7a1	Select four from the following list: CRJ111, CRJ118 or ANT118, CRJ119, CRJ120, CRJ122, CRJ125, CRJ209, CRJ222, SOC115 or SOC 210, HUR101, HUS113, PSY250, HED205	12 of 12

ITEM	REQUIREMENT	CREDITS
7b	Option Two: Policing Concentration	12
7b1	CRJ111	3 of 12
7b2	CRJ209	3 of 12
7b3	CRJ119	3 of 12
7b4	CRJ222	3 of 12
7c	Option Three: Forensic Concentration	12
7c1	CRJ125	3 of 12
7c2	CRJ118 or ANT118	3 of 12
7c3	BIO102	3 of 12
7c4	CHE100 <i>Note: BIO 102 and CHE100 will also meet the program's Science Requirement and students in this concentration will be required to add one additional general elective course.</i>	3 of 12
7d	Option four: Homeland Security / Emergency Management Concentration	12
7d1	CRJ111	3 of 12
7d2	CRJ119	3 of 12
7d3	CRJ120	3 of 12
7d4	CRJ122	3 of 12
7e	Option Five: Correctional Counseling Concentration	12
7e1	CRJ209	3 of 12
7e2	SOC115 or SOC210	3 of 12
7e3	HUR101	3 of 12
7e4	HUS113	3 of 12
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	GENERAL ELECTIVES	6
10	TOTAL	62
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.0	0

920: Criminal Justice–Certificate

FALL 2018 to CURRENT

920: General Curriculum Information

Note: This program cannot be completed in one year.

Prerequisite Requirements: The only restriction on course sequence is that the prerequisite requirements as listed with course description in the catalog must be followed. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

ALL OF THE COURSES CAN BE APPLIED TO AN A.A.S. DEGREE IN CRIMINAL JUSTICE.

920: Criminal Justice Certificate Degree Requirements Table

FALL 2017 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	3
1a	ENG101 College Composition	3 of 3
2	SOCIAL SCIENCES	24
2a	CRJ101 Introduction to Criminal Justice	3 of 24
2b	CRJ110 Criminal Law	3 of 24
2c	CRJ111 Criminal Procedure Law	3 of 24
2e	CRJ113 Introduction to Corrections	3 of 24
2f	CRJ205 Administration in Criminal Justice	3 of 24
2g	CRJ206 Criminal Investigation: Law and Process	3 of 24
2h	PSY101 General Psychology	3 of 24
2i	SOC101 Introductory Sociology	3 of 24
3	GENERAL ELECTIVE	3
4	TOTAL	30
5	Reading and Math Proficiency Required	0
6	Minimum QPI: 2.00	0

Paralegal Studies (A.A.S.)

A degree in Paralegal Studies can open the doors into a fascinating career in law. One of the fastest-growing occupational categories in the country, the paralegal profession offers a wide range of employment opportunities.

743: Paralegal Studies–A.A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
PLG114	3
PLG122	3
CIS116	3
HISTORY ELECTIVE	3
HED/PED/ATH	2

Total	17
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Suggested Second Semester Credits

ENG102 or ENG105	3
ACC101	3
PLG116	3
PLG125	3
POS105	3
Total	15

Suggested Third Semester Credits

NATURAL SCIENCE ELECTIVE	3
PLG201	4
PLG221	3
LIBERAL ARTS ELECTIVE	3
MATHEMATICS (By Placement)	3
Total	16

Suggested Fourth Semester Credits

PLG225	3
PLG231	3
ARTS/HUMANITIES/LANG ELECTIVE	3
LIBERAL ARTS ELECTIVE	3
RESTRICTED ELECTIVE	3
Total	15

743: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

743: Paralegal Studies Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	HUMANITIES, THE ARTS or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Arts course or SUNY Approved Humanities course or SUNY Approved Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE and HISTORY	6
3a	POS105 Political and Civil Rights	3 of 6
3b	Select one: Select one: ART103, ART104, GEO101, HIS101, HIS102, HIS104, HIS105, HIS203, HIS204, HIS224, HIS225	3 of 6
4	NATURAL SCIENCE	3
4a	Select one: <u>SUNY Approved Natural Science course</u>	3 of 3
5	MATHEMATICS	3
5a	Select one: <u>SUNY Approved Mathematics course</u>	
6	PARALEGAL	34
6a	ACC101 Introduction to Financial Accounting	3 of 34
6b	CIS116 Microcomputer Applications	3 of 34
6c	PLG114 Introduction to Legal Studies	3 of 34
6d	PLG116 Commercial Law	3 of 34
6e	PLG122 Torts Law	3 of 34
6f	PLG125 Civil Litigation	3 of 34
6g	PLG201 Legal Research and Writing	4 of 34
6h	PLG221 Real Estate Law	3 of 34
6i	PLG225 Trusts and Estates	3 of 34
6j	PLG231 Family Law	3 of 34
6k	Select one Restricted Elective: ACC217 (Fall Only), CRJ110, CRJ111, OFT251, PLG253	3 of 34

ITEM	REQUIREMENT	CREDITS
7	HED/PED/ATH	2
7a	Select 2 credits from any HED, PED, ATH option	2 of 2
8	LIBERAL ARTS	6
8a	Select from: <u>SUNY Approved Social Science course or SUNY Approved Natural Science or SUNY Approved American History course or SUNY Approved Western Civilizations course or SUNY Approved World Civilizations course or SUNY Approved Humanities course or SUNY Approved Arts course or SUNY Approved Foreign Language course or SUNY Approved Mathematics course, SUNY Approved Elective</u>	6 of 6
9	TOTAL	63
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Liberal Arts

General Education Certificate (CERT)

The General Education program enables you to complete lower-division general education requirements in ten knowledge and skill areas that are guaranteed to be accepted by all SUNY campuses and universities.

985: General Education–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
WESTERN CIVILIZATION ELECTIVE	3
SOCIAL SCIENCE ELECTIVE	3
MATH ELECTIVE	3
ARTS ELECTIVE	3
Total	15

Suggested Second Semester Credits

SPE103 or SPE108 or SPE109	3
AMERICAN HISTORY ELECTIVE	3
WORLD CIVILIZATION ELECTIVE	3

FOREIGN LANGUAGE	3
SCIENCE ELECTIVE	3
HUMANITIES ELECTIVE	3
Total	18

985: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

985: General Education Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	Select one: SPE103, SPE108, SPE109	3 of 6
2	HISTORY	9
2a	American History: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: Select one: SUNY Approved Western Civilizations course	3 of 9
2c	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 9
3	THE ARTS	3
3a	Select one: SUNY Approved Arts course	3 of 3
4	HUMANITIES	3
4a	Select one: SUNY Approved Arts course	3 of 3
5	SOCIAL SCIENCE	3
5a	Select one: SUNY Approved Social Science course	3 of 3
6	MATHEMATICS	3
6a	Select one: SUNY Approved Mathematics course	3 of 3
7	NATURAL SCIENCE	3
7a	Select one: SUNY Approved Natural Science course	3 of 3
8	FOREIGN LANGUAGE	3
8a	Select one: SUNY Approved Foreign Language course	3 of 3
9	TOTAL	33
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

General Studies (A.S.)

In GCC's General Studies program, you can design your own course of study in consultation with your academic advisor and a transfer counselor. This program is especially helpful if you have not yet decided on a specific academic or career goal.

250: Lib Arts & Science: General Studies–A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
AMERICAN HISTORY ELECTIVE	3
MATH ELECTIVE	3
FYE100 or CEP101	3
FOREIGN LANGUAGE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
WESTERN CIVILIZATION ELECTIVE	3
SPE108 or SPE109	3
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
Total	15

Suggested Third Semester Credits

GENERAL ELECTIVE	3
WORLD CIVILIZATION ELECTIVE	3
SCIENCE ELECTIVE	3
SOCIAL SCIENCE ELECTIVE	3
GENERAL ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

HUMANITIES ELECTIVE	3
HEALTH/PE/ATH	2
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
ARTS ELECTIVE	3
GENERAL ELECTIVE	3
Total	17

250: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

General Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

250: Liberal Arts and Sciences: General Studies A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	Select one: SPE108 or SPE 109	3 of 9
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: Select one: SUNY Approved Western Civilizations course	3 of 9
2c	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 9
3	ARTS	3
3a	Select one: SUNY Approved Arts course	3 of 3
4	HUMANITIES	3
4a	Select one: SUNY Approved Humanities course	3 of 3
5	SOCIAL SCIENCE	3
5a	Select one: SUNY Approved Social Sciences course	3 of 3
6	MATH	3
6a	Select one: SUNY Approved Mathematics course	3 of 3
7	NATURAL SCIENCE	3
7a	Select one: SUNY Approved Natural Sciences course	3 of 3
8	FYE 100 or CEP 101 - Must be taken during the first semester of study	3
9	HEALTH/PE/ATH	2
9a	Select 2 credits from any HED, PED, ATH option	2 of 2

ITEM	REQUIREMENT	CREDITS
10	FOREIGN LANGUAGE	3
10a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
11	ELECTIVES	21
12	TOTAL	62
13	Reading and Math Proficiency Required	0
14	Minimum QPI: 2.00	0

Humanities and Social Science (A.A.)

The Humanities and Social Science Program lays the groundwork for future study leading to careers in law, sociology, psychology, public service, history, and Spanish, among others. In this program you will be able to explore multiple fields in the humanities and social and behavioral sciences, allowing you to have a well-rounded knowledge of the world we live in.

201: Liberal Arts and Science-Humanities and Social Science–A.A.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
FOREIGN LANGUAGE	3
CONCENTRATION (ENG concentration take General Elective)	3
AMERICAN HISTORY ELECTIVE	3
ARTS ELECTIVE	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
FOREIGN LANGUAGE	3
MATH ELECTIVE	3
CONCENTRATION	3
WESTERN CIVILIZATION ELECTIVE	3
Total	15

Suggested Third Semester Credits

HUMANITIES ELECTIVE	3
FOREIGN LANGUAGE	3
CONCENTRATION	3
NATURAL SCIENCE ELECTIVE	3
WORLD CIVILIZATION ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

SPE103 or SPE108 or SPE109 or HUR101	3
SOCIAL SCIENCE ELECTIVE	3
CONCENTRATION	3
GENERAL ELECTIVE (ENG concentration follow concentration requirement)	3
GENERAL ELECTIVE	3
HEALTH/PE/ATH	2
Total	17

201: General Curriculum Information

English (by placement): Satisfactory completion of the writing skills exam is a prerequisite for ENG101. Students who do not satisfactorily complete the writing exam must register for ENG091 and/or ENG100 prior to completing their six (6) hour English sequence.

Mathematics (by placement): Mathematics placement is based on the ACT, ASSET, or COMPASS placement test.

Reading Proficiency Requirement: All students will be required to demonstrate proficiency in reading through testing prior to earning a degree or certificate. Students who do not meet the required standard will be expected to begin remediation immediately.

General Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

Foreign Language Requirement: Proficiency through the 201 level is required. Proficiency may be determined by a placement test in the language: Spanish or French. (Generally, SUNY institutions accept ASL if students are in a helping profession, such as teacher education, nursing, etc. Students should check with their transfer institution to determine if ASL is accepted as a foreign language and ask for a waiver.)

201: Liberal Arts and Science Humanities and Social Science A A Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE103 Introduction to Oral Interpretation or SPE108 Public Speaking or SPE109 Interpersonal Communication or HUR101 Human Relations I	3 of 9
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: Select one: SUNY Approved Western Civilization course Please note that ART103, ART104, THE202, and THE204 may be used to meet both the SUNY General Education ARTS and WESTERN CIVILIZATION requirements. If you choose this option an additional 3 credit general elective must be completed. You must complete a Curriculum Adjustment Form (Available from the Student Success Center).	3 of 9
2c	World Civilization: Select one: HIS101 World Civilizations I, HIS102 World Civilizations II, GEO101 World Regional Geography	3 of 9
3	THE ARTS	3
3a	Select one: SUNY Approved Arts course	3 of 3
4	HUMANITIES	3
4a	Select one: SUNY Approved Humanities course	3 of 3
5	SOCIAL SCIENCE	3
5a	Select one: SUNY Approved Social Sciences course	3 of 3
6	MATHEMATICS	3
6a	Select one: SUNY Approved Mathematics course MAT129 is required for students in the Economics Concentration.	3 of 3
7	NATURAL SCIENCE	3
7a	Select from: SUNY Approved Natural Science course	3 of 3

ITEM	REQUIREMENT	CREDITS
8	HEALTH/PE/ATH	2
8a	Select two credits from any HED, PED, ATH option	2 of 2
9	FOREIGN LANGUAGE	9
9a	FRE101, FRE102, FRE201 OR SPA101, SPA102, SPA201 Competency through the 201 level is required. See Foreign Language placement recommendations above. Students entering with 201 competency but less than 9 Foreign Language credits, must fulfill the remaining credits with any SUNY Approved Foreign Language course	9 of 9
10	GENERAL ELECTIVES	6
10a	Students in the History concentration are strongly advised to take Political Science courses.	6 of 6
11	CONCENTRATION REQUIREMENTS Choose one concentration from the options listed below:	12
11a	Option 1 - History Concentration	12
11a1	HIS203 US History 1 or HIS204 US History 2	3 of 12
11a2	HIS104 Western Tradition 1 or HIS105 Western Tradition 2	3 of 12
11a3	HIS101 World Civilizations 1 or HIS102 World Civilizations 2	3 of 12
11a4	GEO101 World Regional Geography	3 of 12
11b	Option 2 - Spanish Concentration (Students who have met any of the listed requirements should choose additional Liberal Arts electives based on their major and transfer institution and seek advisement.)	12
11b1	SPA101 Elementary Spanish 1	3 of 12
11b2	SPA102 Elementary Spanish 2	3 of 12
11b3	SPA201 Intermediate Spanish 1	3 of 12
11b4	SPA202 Intermediate Spanish 2	3 of 12
11c	Option 3 - Psychology Concentration	12
11c1	PSY101 General Psychology	3 of 12
11c2	PSY250 Statistics for the Social Sciences	3 of 12
11c3	PSY201 Social Psychology or PSY202 Abnormal Psychology	3 of 12

ITEM	REQUIREMENT	CREDITS
11c4	PSY203 Dev Psych Across Lifespan or PSY210 Child Development or PSY211 Adolescent Development	3 of 12
11d	English Concentration	12
11d1	LIT201 Introduction to Literature or LIT214/THE212 Play Analysis	3 of 12
11d2	LIT210 African American Literature or ENG214 Introduction to Creative Writing	3 of 12
11d3	LIT211 Short Story or LIT203 Children’s Literature or LIT213 Science Fiction	3 of 12
11d4	LIT215 World Literature or LIT216 American Lit: Civil War-Present or LIT217 British Lit: Medieval Period through Restoration or LIT218 British Literature: Romantic Period to the Present or LIT212 American Literature 1	3 of 12
11e	Sociology Concentration	12
11e1	SOC101 Introductory Sociology	3 of 12
11e2	SOC102 Social Problems	3 of 12
11e3	SOC210 Criminology	3 of 12
11e4	SOC204 Human Diversity	3 of 12
11f	Economics Concentration	12
11f1	ECO101 Microeconomics	3 of 12
11f2	ECO105 Macroeconomics	3 of 12
11f3	MAT140 Pre-calculus	3 of 12
11f4	Liberal Arts Elective	3 of 12
12	TOTAL	62
13	Reading and Math Proficiency Required	0
14	Minimum QPI: 2.00	0

Individualized Studies (A.A.S.)

Today’s employers often look for those with skills in more than one discipline. In addition, organizations frequently require employees to seek additional schooling to improve their performance or advance to higher-level positions. For these reasons, GCC's Individualized Studies program is designed for those who are seeking immediate employment after graduation.

455–Individualized Studies–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

<i>Suggested First Semester</i>	<i>Credits</i>
ENG101 (By Placement)	3
CIS102 or CIS116	3
SCIENCE ELECTIVE	3
MATH ELECTIVE	3
CAREER & EDUCATIONAL PLANNING	3
Total	15

<i>Suggested Second Semester</i>	<i>Credits</i>
ENG102 or ENG105 or ENG106	3
SOCIAL SCIENCE ELECTIVE	3
CAREER CLUSTER ELECTIVES	6
HEALTH/PED/ATH	1
GENERAL ELECTIVE	3
Total	16

<i>Suggested Third Semester</i>	<i>Credits</i>
FINE ARTS/HUMANITIES	3
CAREER CLUSTER ELECTIVES	6
FOREIGN/SIGN LANGUAGE	3
HISTORY ELECTIVE	3
Total	15

<i>Suggested Fourth Semester</i>	<i>Credits</i>
CAREER CLUSTER ELECTIVES	9
GENERAL ELECTIVE	3
HEALTH/PE/REC	1
SPE108/SPE109	3
Total	16

455: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

455: Individualized Studies A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 3
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities or ENG106 Technical Writing	3 of 3
1c	SPE 108 Public Speaking or SPE109 Interpersonal Communication	3 of 3
2	HUMANITIES OR THE ARTS	3
2a	Select one: SUNY Approved Fine Arts Course or SUNY Approved Humanities Course	3 of 3
3	HISTORY AND SOCIAL SCIENCE	6
3a	Select one: SUNY Approved World Civilization Course , or HIS104, or HIS105, or HIS203, or HIS204	3 of 6
3b	Select one: SUNY Approved Social Science Course , or ART103, or ART104, or THE202, or THE204	3 of 6
4	MATH AND SCIENCE	6
4a	Select one: SUNY Approved Mathematics Course	3 of 3
4b	Select one: SUNY Approved Natural Science Course	3 of 3
5	COMPUTER SCIENCE	3
5a	CIS102 Introduction to Computers or CIS116 Microcomputer Applications	3 of 3
6	CAREER CONCENTRATION	24
6a	CEP 101 Career & Educational Planning	3 of 24
6b	Before a student can register for their 16 th credit hour they must submit a study plan of a minimum of 24 credit hours to their career advisor for their approval and the approval of the appropriate dean. The plan can be an intra or interdisciplinary plan.	21 of 24
7	HEALTH/PED/ATH	2
7a	Select 2 credits from any HED, PED, ATH option	2 of 2

ITEM	REQUIREMENT	CREDITS
8	FOREIGN LANGUAGE	3
8a	Select one: SUNY Approved Foreign Language course or ASL101, ASL102, ASL201	3 of 3
9	GENERAL ELECTIVES	6
10	TOTAL	62
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

Mathematics (A.S.)

Mathematics is an integral part of our technologically advanced society. It is also the basis for critical-thinking skills and nearly all of forms of analysis. A degree in math can be the foundation for a career in business, computing, teaching, engineering, government, law, medicine and many healthcare fields. Additionally, math is aligned with the study of physics, chemistry, biology, business, economics, computer science or the social sciences.

225: Liberal Arts and Science: Mathematics – A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT141	4
SPE103, 108 or 109	3
PHY131 (Fall Only) or BIO115 or CHE101	4
SOCIAL SCIENCE ELECTIVE	3
Total	17

Suggested Second Semester Credits

ENG102	3
MAT142	4
MAT247 (Spring Only)	3
PHY132 (Spring Only) or BIO116 (Spring Only) or CHE102	4
Total	14

Suggested Third Semester Credits

MAT245 (Fall Only)	4
HISTORY/ARTS/HUMANITIES ELECTIVE	3
GENERAL ELECTIVE	3
FOREIGN LANGUAGE	3

HED/PED/ATH	2
Total	15

Suggested Fourth Semester Credits

MAT246 (Spring Only)	4
MAT255 (Spring Only)	4
WORLD CIVILIZATION ELECTIVE	3
GENERAL ELECTIVE	3
Total	14

Program Total Credits	60
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225: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: General electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

225: Liberal Arts and Science Mathematics A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences	3 of 9
1c	SPE103 or SPE 108 or SPE 109	3 of 9
2	HISTORY, HUMANITIES & THE ARTS	6
2a	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 6
2b	One Elective course from: SUNY Approved American History course or SUNY Approved Western Civilization course or SUNY Approved Western Civilization course or SUNY Approved The Arts course	3 of 6
3	SOCIAL SCIENCE ELECTIVE	3
3a	Select one: SUNY Approved Social Sciences course	3 of 3
4	MATHEMATICS	23
4a	MAT141 Calculus I	4 of 23
4b	MAT142 Calculus II	4 of 23
4c	MAT245 Calculus III	4 of 23
4d	MAT246 Linear Algebra	4 of 23
4e	MAT247 Discrete Math	3 of 23
4f	MAT255 Differential Equations	4 of 23
5	NATURAL SCIENCES	8
5a	Select PHY131 & PHY132 or BIO115 & BIO116 or CHE101 & CHE102	8 of 8
6	FOREIGN LANGUAGE	3
6a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit General Education Elective.	3 of 3
7	HED/PED/ATH	2
7a	Select two credits from any HED, PED, ATH option	2 of 2

ITEM	REQUIREMENT	CREDITS
8	GENERAL ELECTIVES	6
9	TOTAL	60
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Natural Sciences (A.S.)

Natural Sciences: Biology Concentration

Have you always wondered about what makes living things work? Do you dream about making new discoveries to help cure diseases? Are you curious about the adaptations of different plants and animals? If you answer yes to any of these questions, a degree in biology might be a great career path for you.

Natural Sciences: Chemistry Concentration

If you are a person intrigued by working in a laboratory, analyzing and testing materials, then a degree in chemistry might be a great career path for you. At Genesee Community College you can earn a Liberal Arts Associate of Natural Sciences degree with a concentration in Chemistry. Our A.S. degree will teach you the skills and techniques necessary to conduct laboratory work in private sector businesses, manufacturing facilities, hospitals and healthcare organizations, pharmaceutical firms, government agencies and much more. Successful completion of an A.S. degree will allow you to continue your studies as a third year student in any SUNY four-year school or transfer to a private university.

Natural Sciences: Environmental Biology Concentration

Are you a person who loves the outdoors and thinks that the ideal career would involve exploring the natural world? Do you have a passion for conserving the planet's natural resources and want to find solutions for environmental problems? An Associate of Science degree from Genesee Community College in Liberal Arts Natural Science with a concentration in Environmental Biology may be the right career path for you.

Natural Sciences: Physics Concentration

Do you like to investigate how things work? Are you curious about space, energy, transportation, medicine, structural design, technology, climate and the environment, financial matters, sports or even gaming? Physics plays an integral role in nearly every major career path. With an Associate of Science degree from Genesee Community College in Liberal Arts Natural Science with a concentration in Physics you will have taken the first step toward any of these diverse career paths.

Natural Sciences: Flexible STEM Concentration

Do you already have a career in mind? Perhaps you know what bachelor's or master's degree(s) you intend to pursue. And, maybe you even have your four-year college or university mapped out. With GCC's Liberal Arts Natural Science: Flexible STEM Concentration A.S. Degree, we will help you create the academic pathway that suits your unique interests and transfer plans.

226: Liberal Arts and Science: Natural Sciences – A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
CHE101	4
Concentration Requirement	4
Concentration Requirement	4
Total	15

Suggested Second Semester Credits

ENG102	3
CHE102	4
Concentration Requirement	3
Concentration Requirement	4
HED/PED/ATH (not required for Physics concentration)	2
Total	16

Suggested Third Semester Credits

Concentration Requirement	4
Concentration Requirement or Elective	3
FOREIGN LANGUAGE	3
ARTS/HUMANITIES	3
SPE103, 108 or 109	3
Total	16

Suggested Fourth Semester Credits

Concentration Requirement	4
Concentration Requirement	4
Concentration Requirement or Elective	3
HISTORY	3
SOCIAL SCIENCE ELECTIVE	3
Total	17

Program Total Credits 64

226: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321 – Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Student Success Center.

226: Liberal Arts and Science Natural Sciences A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences	3 of 9
1c	SPE103 Introduction to Oral Interpretation or SPE108 Public Speaking or SPE109 Interpersonal Communication	3 of 9
2	HISTORY	3
2a	Select one: HIS101, 102, 104, 105, 203, or 204 or GEO101	3 of 3
3	SOCIAL SCIENCE	3
3a	Select one: SUNY Approved Social Sciences course	3 of 3
4	FOREIGN LANGUAGE	3
4a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit General Education Elective.	3 of 3
5	HUMANITIES or THE ARTS	3
5a	Select one: SUNY Approved Humanities course or SUNY Approved Arts course	3 of 3
6	NATURAL SCIENCE	8
6a	CHE101 General Chemistry 1	4 of 8
6b	CHE102 General Chemistry 2	4 of 8
7	RESTRICTED ELECTIVES (Varies by Concentration)	2 to 27
7a	RESTRICTED ELECTIVES: BIO111, BIO115, BIO116, BIO152, BIO153, BIO201 or BIO206, BIO205, BIO211, CHE201, CHE202, CIS116, CIS125, CIS 127 CIS219, EGR 100 , EGR235, EGR236, MAT129, MAT 140, MAT141, MAT142, MAT245, MAT247, MAT255, MAT 246, PHY121 or PHY131, PHY122 or PHY132, PHY133	Varies by Concentration

ITEM	REQUIREMENT	CREDITS
8	CONCENTRATION REQUIREMENTS Choose one concentration from the options listed below:	As Listed Below
8a	Option 1 - Biology	33
8a1	BIO115 General Biology 1	4 of 33
8a2	BIO116 General Biology 2	4 of 33
8a3	BIO205 Genetics	4 of 33
8a4	CHE201 Organic Chemistry 1 and CHE202 Organic Chemistry 2 OR PHY131 and PHY 132 OR PHY121 and PHY122	8 of 33
8a5	MAT140 Pre-Calculus	4 of 33
8a6	MAT141 Calculus 1	4 of 33
8a7	MAT129 Statistics	3 of 33
8a8	General or Restricted Electives	2 of 33
8b	Option 2 – Environmental Biology	33
8b1	BIO115 General Biology 1	4 of 33
8b2	BIO116 General Biology 2	4 of 33
8b3	BIO111 Ecology	4 of 33
8b4	BIO205 Genetics	4 of 33
8b5	CHE201 Organic Chemistry 1	4 of 33
8b6	MAT140 Pre-Calculus	4 of 33
8b7	MAT141 Calculus 1	4 of 33
8b8	MAT129 Statistics	3 of 33
8b9	General or Restricted Electives	2 of 33
8c	Option 3 – Physics	35
8c1	PHY131 Physics with Calculus 1	4 of 35
8c2	PHY132 Physics with Calculus 2	4 of 35
8c3	PHY133 Physics with Calculus 3	4 of 35
8c4	MAT141 Calculus 1	4 of 35
8c5	MAT142 Calculus 2	4 of 35
8c6	MAT245 Calculus 3	4 of 35
8c7	MAT255 Differential Equations	4 of 35
8c5	MAT246 Linear Algebra	4 of 35

ITEM	REQUIREMENT	CREDITS
8c6	CIS127 Computing in Math, Science and Engineering	3 of 35
8d	Option 4 – Chemistry Concentration	33
8d1	CHE201 Organic Chemistry 1	4 of 33
8d2	CHE202 Organic Chemistry 2	4 of 33
8d3	PHY131 Physics with Calculus 1	4 of 33
8d4	MAT141 Calculus 1	4 of 33
8d5	MAT142 Calculus 2	4 of 33
8d6	General or Restricted Electives	9 of 33
8e	Option 5 – Flexible STEM Concentration	33
8e1	Select at least 27 credits of Restricted Electives including at least 4 credits of MAT and 8 credits of sequential sciences.	27 of 33
8e2	Select 6 general or additional restricted elective credits.	6 of 33
9	HEALTH/PE/ATH (Not required for Physics concentration)	2
9a	Select two credits from any HED, PED, ATH option	2 of 2
10	TOTAL	64
11	Reading and Math Proficiency Required	0
12	Minimum QPI: 2.00	0

Office Technology and Support

Medical Administrative Assistant (A.A.S.)

The Medical Administrative Assistant Program will prepare you with the necessary skills to enter the medical workforce in doctor's offices, hospitals, and other facilities.

720: Medical Administrative Assistant–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
OFT101	3
OFT116	3
SOCIAL SCIENCE ELECTIVE	3
OFT150	3
HED/PED/ATH	1

Total	16
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Suggested Second Semester Credits

COMMUNICATIONS ELECTIVE	3
OFT102	3
OFT155	3
BIO102	3
CIS116 (See note below)	3
Total	15

Suggested Third Semester Credits

ACC101 or ACC106	3
OFT255	3
BUS214	3
OFT135	3
BUS106	3
LIBERAL ARTS ELECTIVE	3
Total	18

Suggested Fourth Semester Credits

BUS217	3
OFT210 (Spring Only)	3
OFT244 (Spring Only)	3
ARTS/HUMANITIES/ LANGUAGE ELECTIVE	3
HISTORY ELECTIVE	3
Total	15

720: General Curriculum Information

NOTE: If a student has no prior or very limited computer experience upon entering this program, it is recommended that they take CIS102, Intro to Computers, during their first semester.

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Advanced Placement Credits: Advanced placement credit is available in this program for any student having previous experience in keyboarding. Examinations are given at least once a year in keyboarding.

720: Medical Administrative Assistant A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102, ENG105, ENG106, SPE103, SPE108, SPE109, or HUR101	3 of 6
2	HUMANITIES or FINE ARTS or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Arts course or SUNY Approved Humanities course or SUNY Approved Foreign Language course</u> : Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met the Language requirement and may select a language or an additional 3 credit SUNY General Education Elective.	3 of 3
3	SOCIAL SCIENCE	3
3a	Select one: <u>SUNY Approved Social Science course</u>	3 of 3
4	HISTORY	3
4a	Select one: GEO 101, HIS101, 102, 104, 105, 203 or 204	3 of 3
5	NATURAL SCIENCE	3
5a	BIO102 Human Biology	3 of 3
6	OFFICE TECHNOLOGY	42
6a	ACC101 Introduction to Financial Accounting or ACC106 Basic Accounting Practices	3 of 42
6b	OFT116 Medical Terminology	3 of 42
6c	BUS106 Business Communications	3 of 42
6e	BUS214 Organizational Behavior	3 of 42
6f	CIS116 Microcomputer Applications	3 of 42
6g	OFT150 Introduction to Health Insurance	3 of 42
6h	OFT101 Keyboarding	3 of 42
6i	OFT102 Intermediate Keyboarding	3 of 42
6j	OFT210 Medical Transcription	3 of 42
6k	OFT155 Medical Coding I	3 of 42
6l	OFT135 Medical Forms and Billing	3 of 42
6m	OFT244 Medical Office Systems	3 of 42

ITEM	REQUIREMENT	CREDITS
6n	OFT255 Medical Coding II	3 of 42
6o	BUS217 Co-op Education	3 of 42
7	HED/PED/ATH	1
7a	Select 1 credit from any HED, PED, or ATH option	1 of 1
8	LIBERAL ARTS	3
8a	Select one: <u>SUNY Approved Social Science course or SUNY Approved Natural Science or SUNY Approved American History course or SUNY Approved Western Civilizations course or SUNY Approved World Civilizations course or SUNY Approved Humanities course or SUNY Approved Arts course or SUNY Approved Foreign Language course or SUNY Approved Mathematics course, SUNY Approved Elective Select one SUNY Approved Foreign Language course.</u>	3a
9	TOTAL	64
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Medical Office Assistant Certificate (CERT)

The Medical Office Assistant Program will prepare you with the necessary skills to enter the medical workforce in doctor's offices, hospitals, and other facilities.

927: Medical Office Assistant–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

OFT101	3
OFT116	3
OFT135	3
BIO102	3
OFT150	3
Total	15

Suggested Second Semester Credits

OFT102	3
OFT210	3

OFT244	3
BUS217	3
CIS116 (See Note)	3
Total	15

NOTE: If a student has no prior or very limited computer experience upon entering this program, it is recommended that they take CIS102, Intro to Computers, during their first semester.

927: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Advanced Placement Credits: Advanced placement credit is available in this program for any student having previous experience in keyboarding. Examinations are given at least once a year in keyboarding.

Prerequisite Requirements: The above listing of courses need not be taken in this order. The only restriction on course sequence is that the prerequisite requirements as listed with the course description in the catalog must be followed. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.

927: Medical Office Assistant Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BUSINESS	30
1a	OFT101 Keyboarding	3 of 30
1b	OFT102 Intermediate Keyboarding	3 of 30
1c	OFT150 Introduction to Health Insurance	3 of 30
1d	OFT116 Medical Terminology	3 of 30
1e	OFT135 Medical Forms & Billing	3 of 30
1f	OFT210 Medical Transcription	3 of 30
1g	OFT244 Medical Office Systems	3 of 30
1h	BIO102 Human Biology	3 of 30
1i	BUS217 Co-op Education	3 of 30
1j	CIS116 Microcomputer Applications	3 of 30
2	TOTAL	30
3	Reading and Math Proficiency	0

ITEM	REQUIREMENT	CREDITS
4	Minimum QPI: 2.00	0

Science and Technology

Biotechnology (A.S.)

These are exciting times for careers in Biotechnology, where biology and state-of-the-art technology are converging to address and solve some of today's most urgent health and scientific issues. Amazing discoveries, inventive new products and dynamic new applications occur every day, making biotechnology an unprecedented opportunity.

230: Biotechnology-A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
BIO115	4
CHE101	4
BIO117	3
WORLD CIVILIZATION ELECTIVE	3
Total	17

Suggested Second Semester Credits

ENG102	3
CHE102	4
BIO116	4
MAT141	4
Total	15

Suggested Third Semester Credits

CHE201 (Fall Only)	4
BIO205 or PHY121(Fall Only) or PHY131 (Fall Only) (See note below)	4
AMERICAN HISTORY or WESTERN CIVILIZATION	3
MAT129	3
PED/HED/ATH ELECTIVE	1
Total	15

Suggested Fourth Semester Credits

Foreign Language	3
CHE202 (Spring Only)	4
PHI103	3
SPE108 or SPE109	3

BIO206	4
Total	17

230: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Note: Check with transfer institution to determine their requirements

230: Biotechnology A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	Select one: SPE102 or SPE108 or SPE 109	3 of 9
2	HISTORY	6
2a	World Civilization: Select One: SUNY Approved World Civilizations course	3 of 6
2b	American History or Western Civilization Elective: HIS203, HIS204, or one SUNY Approved American History or Western Civilization course	3 of 6
3	HUMANITIES	3
3a	PHI103 Ethics	3 of 3
4	MATHEMATICS	7
4a	MAT141 Calculus I	4 of 7
4b	MAT129 Statistics	3 of 7
5	NATURAL SCIENCE	35
5a	BIO115 General Biology 1	4 of 35
5b	BIO116 General Biology 2	4 of 35
5c	BIO117 Biotechnology	3 of 35
5d	BIO205 Genetics or PHY 121 or PHY 131**	4 of 35
5e	BIO206 Microbiology	4 of 35
5f	CHE101 General Chemistry 1	4 of 35
5g	CHE102 General Chemistry 2	4 of 35
5h	CHE201 Organic Chemistry 1	4 of 35
5i	CHE202 Organic Chemistry 2	4 of 35

ITEM	REQUIREMENT	CREDITS
6	FOREIGN LANGUAGE	3
6a	Select one: SUNY Approved Foreign Language course Students having obtained an 85 or higher on the Regents B exam or an 85 or higher on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select a language or an additional 3-credit SUNY General Education Elective.	3 of 3
7	HEALTH/PE/ATH	1
7a	Select 1 credit from any HED, PED, ATH option	1 of 1
8	TOTAL	64
9	Reading and Math Proficiency Required	0
10	Minimum QPI: 2.00	0

Computerized Drafting and Design (A.A.S., CERT)

Drafting is a major communication medium among designers and engineers. Drafters prepare drawings to communicate ideas and instructions for others to follow in the fabrication of products and projects.

453: Computerized Drafting & Design–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

EGR101(Fall Only)	3
EGR118 (Fall Only)	3
EGR108 (Fall only)	3
ENG101 (By Placement)	3
MATHEMATIC ELECTIVE 1	3
Total	15

Suggested Second Semester Credits

EGR102 (Spring Only)	3
EGR119 (Spring Only)	3
EGR103 (Spring Only)	3
MATHEMATIC ELECTIVE 2	3
ENG106	3
HEALTH/PE/ATH	1
Total	16

Suggested Third Semester Credits

EGR105 (Fall Only)	3
EGR220 (Fall Only)	3
COE214 or BUS217	3
PHY121 (Fall Only) or PHY122(Spring Only)	4
RESTRICTED ELECTIVE	3
Total	16

Suggested Fourth Semester Credits

EGR 215 (Spring Only)	3
HISTORY ELECTIVE	3
EGR 117 (Spring Only)	3
HUMANITIES/ARTS/LANGUAGE ELECTIVE	3
SOCIAL SCIENCE ELECTIVE	3
HEALTH/PE/ATH	1
Total	16

453: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

453: Computerized Drafting and Design A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 3
1b	ENG106 Technical Writing	3 of 3
2	HUMANITIES or THE ARTS or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Arts course or SUNY Approved Humanities course or SUNY Approved Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE	3
3a	Select one: <u>SUNY Approved Social Sciences course</u>	3 of 3
4	HISTORY	3
4a	Select one: HIS101, 102, 104, 105, 203 or 204 or GEO101	3 of 3
5	MATH/SCIENCE	10
5a	Select one sequence: MAT121 & MAT122 or MAT136 & MAT140 or MAT140 & MAT141 or MAT141 & MAT142	6 of 10
5b	Select one: PHY121 College Physics 1 or PHY122 College Physics 2	4 of 10
6	ENGINEERING SCIENCE	33
6a	EGR101 Engineering Drawing 1	3 of 33
6b	EGR102 Engineering Drawing 2	3 of 33
6c	EGR103 Architectural Drawing	3 of 33
6d	EGR105 Engineering Design Graphics 1	3 of 33
6e	EGR108 Manufacturing Processes	3 of 33
6f	EGR117 Interpreting Engineering Drawings	3 of 33
6g	EGR118 Computer Assisted Drafting 1	3 of 33
6h	EGR119 Computer Assisted Drafting 2	3 of 33
6i	EGR215 Commercial Building with REVIT	3 of 33
6j	EGR220 3-D Solids and Modeling	3 of 33
6k	COE214 Cooperative or Internship Experiences or BUS 217 Cooperative Education	3 of 33

ITEM	REQUIREMENT	CREDITS
7	RESTRICTED ELECTIVE	3
7a	Select from: ART105, ART210, CHE option, CIS option(Except CIS102), CSN option, EGR option, MAT129, MAT141, MAT142	3 of 3
8	HEALTH/PE/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	TOTAL	63
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.0	0

953: Computerized Drafting & Design–Certificate

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

First Semester Credits

EGR101(Fall Only)	3
EGR118 (Fall Only)	3
EGR108 (Fall only)	3
SOCIAL SCIENCE	3
MAT121	3
Total	15

Suggested Second Semester Credits

EGR102 (Spring Only)	3
EGR119 (Spring Only)	3
EGR103 (Spring Only)	3
EGR117 (Spring Only)	3
COE214 or BUS217	3
Total	15

953: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

ALL COURSES CAN BE APPLIED TO AN A.A.S. DEGREE IN DRAFTING.

953: Computerized Drafting and Design Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENTS	CREDITS
1	MATHEMATICS	3
1a	MAT121 Technical Math 1	3 of 3
2	SOCIAL SCIENCE	3
2a	Select one: SUNY Approved Social Science Course	3 of 3
3	ENGINEERING SCIENCE	24
3a	EGR 101 Engineering Drawing 1	3 of 24
3b	EGR102 Engineering Drawing 2	3 of 24
3c	EGR103 Architectural Drawing	3 of 24
3d	EGR108 Manufacturing Processes	3 of 24
3e	EGR118 Computer Assisted Drafting 1	3 of 24
3f	EGR119 Computer Assisted Drafting 2	3 of 24
3g	EGR117 Interpreting Engineering Drawings	3 of 24
3h	COE214 Cooperative or Internship Experience or BUS 217 Cooperative Education	3 of 24
4	TOTAL	30
5	Reading and Math Proficiency Required	0
6	Minimum QPI: 2.00	0

Engineering Science (A.S.)

Engineers are problem solvers, organizers, communicators, calculators and designers. They are capable of clearly defining a problem and the constraints such as time or cost, and provide a simple solution.

530: Engineering Science–A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
MAT141	4
PHY131 (Fall Only)	4
CHE101	4
EGR 100	3

Total	18
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Suggested Second Semester Credits

ENG102 or ENG105	3
MAT142	4
PHY132 (Spring Only)	4
SPE103 or SPE108 or SPE109	3
HEALTH/PE/ATH	2
Total	16

Suggested Third Semester Credits

RESTRICTED ELECTIVE	4
MAT245 (Fall Only)	4
EGR245 (Fall Only)	4
CIS127 (Fall Only)	3
EGR235 (Fall Only)	3
Total	18

Suggested Fourth Semester Credits

HISTORY ELECTIVE	3
SOCIAL SCIENCE ELECTIVE	3
MAT255 (Spring Only)	4
EGR236 (Spring Only)	3
EGR255 (Spring Only)	3
Total	16

530: General Curriculum Information

Acceptance: To be accepted into the Engineering Science program, a student must meet the prerequisites for MAT 141, Calculus 1.

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

530: Engineering Science A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE103 or SPE108 or SPE109	3 of 9
2	HISTORY	3
2a	Select one: GEO101, HIS101, HIS102, HIS104, HIS105, HIS203, HIS204, HIS224, HIS225	3 of 3
3	SOCIAL SCIENCE	3
3a	Select one: <u>SUNY Approved Social Science course</u>	3 of 3
4	MATHEMATICS	12
4a	MAT141 Calculus I	4 of 12
4b	MAT142 Calculus II	4 of 12
4c	MAT245 Calculus III	4 of 12
5	NATURAL SCIENCE	12
5a	CHE101 General Chemistry 1	4 of 12
5b	PHY131 General Physics 1	4 of 12
5c	PHY132 General Physics 2	4 of 12
6	PROGRAM REQUIREMENTS	23
6a	CIS127 Computing in Math, Science and Engineering	3 of 23
6b	EGR100 Introduction to Engineering	3 of 23
6c	EGR235 Engineering Mechanics 1: Statics	3 of 23
6d	EGR236 Engineering Mechanics 2: Dynamics	3 of 23
6e	EGR245 Circuit Analysis	4 of 23
6f	EGR255 Mechanics of Solids	3 of 23
6g	MAT255 Differential Equations	4 of 23
7	RESTRICTED ELECTIVE	4
7a	Select one: CHE102, CHE201, CHE202, PHY133, EGR118	4 of 4

ITEM	REQUIREMENT	CREDITS
8	HEALTH/PE/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	TOTAL	68
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Food Processing Technology (A.A.S.)

Western New York has long history and significant foothold in food processing industry with hundreds of food processing operations located from Buffalo to Binghamton. New food manufacturers have made Genesee County their home further empowering the region's robust food processing profession. GCC's Food Processing Technology (FPT) Associate in Applied Science degree will allow you to take advantage of this growing industry and be prepared for the new jobs being created every year throughout the region.

580: Food Processing Technology– A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2019 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
BUS101	3
BIO104 or BIO115	3-4
CHE100 or CHE101	3-4
FPT101	3
Total	15-17

Suggested Second Semester Credits

ENG102 or ENG106	3
FPT102	3
CIS102 or CIS116	3
BIO103 or BIO206	3-4
MAT129	3
Total	15-16

Suggested Third Semester Credits

BIO108	3
BUS214	3

HEALTH/PE/ATH	2
PHY100	3
FPT201	3
Total	14

Suggested Fourth Semester Credits

BUS217	3
FPT205	4
ARTS/HUMANITIES/LANG ELECTIVE	3
ECO101	3
HISTORY ELECTIVE	3
Total	16

580: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

580: Food Processing Technology A A S Degree Requirements Table

FALL 2019 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG106 Technical Writing	3 of 6
2	THE ARTS/HUMANITIES/FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Fine Arts/ Humanities/ Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE	3
3a	ECO101 Microeconomics	3 of 3
4	HISTORY	3
4a	Select one: HIS101, 102, 104, 105, 203 or 204	3 of 3
5	NATURAL SCIENCE	Minimum 15
5a	BIO104 Fundamentals of Cell Biology or BIO115 General Biology 1	3 of 15
5b	CHE100 Introduction to Chemistry or CHE101 General Chemistry 1	3 of 15
5c	BIO103 Introduction to Microbiology or BIO206 General Microbiology	3 of 15
5d	BIO108 Human Nutrition	3 of 15
5e	PHY100 How Things Work	3 of 15
6	MATHEMATICS	3
6a	MAT129 Statistics	3 of 3
7	PROGRAM REQUIREMENTS	25
7a	FPT101 Introduction to Food Processing Technology	3 of 25
7b	FPT102 Food Safety, Sanitation and Hazard Analysis	3 of 25
7c	FPT201 Unit Operations in Food and Dairy Processing	3 of 25
7d	FPT205 Analytical Methods and Labeling of Food	3 of 25
7e	CIS102 Intro to Computers or CIS 116 Microcomputer Applications	3 of 25
7f	BUS101 Principles of Business	3 of 25

ITEM	REQUIREMENT	CREDITS
7g	BUS214 Organizational Behavior	3 of 25
7h	BUS217 Business Internship	3 of 25
8	HED/PE/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	TOTAL	Minimum 60
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Nanotechnology (A.A.S.)

Nanotechnology is the fascinating microscopic world seen at the atomic level and applied to an enormous variety of industries and new career opportunities. The application of nanotechnology is everywhere - from biopharmaceuticals to biotechnology, electronics to semiconductor fabrication, material and environmental sciences to biochemistry, as well as information storage, energy, medicine, security, food and so much more. As a GCC Nanotech student, you'll be on the cutting-edge of tomorrow's high-end careers.

653: Nanotechnology A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
BIO115	4
CHE101	4
NST100	3
MAT121 or higher (excluding MAT 129)	3
Total	17

Suggested Second Semester Credits

ENG102 or ENG106	3
PHY122	4
CHE102	4
HISTORY ELECTIVE	3
Total	14

Suggested Third Semester Credits

BIO206 or BIO 205	4
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SOCIAL SCIENCE	3
ARTS/HUMANITIES/FOREIGN LANGUAGE	3
HED/PED/ATH	2
NST201	3
Total	15

Suggested Fourth Semester Credits

NST202 (Taken at ECC)	3
NST203 (Taken at ECC)	3
NST204 (Taken at ECC)	3
NST205 (Taken at ECC)	3
NST206 (Taken at ECC)	3
Total	15

653: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Prerequisites – Students may need to take prerequisite courses before registering for some of the required courses.

NST202, NST203, NST204, NST205, NST206: Students **MUST** take these courses at Erie Community College – North Campus as NS 202, NS 203, NS 204, NS 205, NS 206.

653: Nanotechnology A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
2a	ENG102 Composition in the Natural and Social Sciences or ENG 106 Technical Writing	3 of 6
2	HUMANITIES or THE ARTS or FOREIGN LANGUAGE	3
2a	Select one: <u>SUNY Approved Fine Art, Humanities or Foreign Language course</u>	3 of 3
3	SOCIAL SCIENCE	3
3a	Select: <u>SUNY Approved Social Science</u>	3 of 3
4	HISTORY	3
4a	Select from: HIS 101, 102, 104, 105, 203, 204 or GEO 101	3 of 3
5	NATURAL SCIENCE	20
5a	BIO115 General Biology 1	4 of 20
5b	CHE101 General Chemistry 1	4 of 20
5c	CHE102 General Chemistry 2	4 of 20
5d	BIO206 General Microbiology or BIO205 Genetics	4 of 20
5e	PHY122 College Physics 2	4 of 20
6	MATHEMATICS	3
6a	MAT121 Technical Math or higher (excluding MAT 129)	
7	NANOTECHNOLOGY	21
7a	NST100 Introduction to Nanotechnology	3 of 21
7b	NST201 Materials, Safety, and Equipment Overview for Nanotechnology	3 of 21
7c	NST202 Basic Nanotechnology Processes (Taken at ECC)	3 of 21
7d	NST203 Characterization of Nanotechnology Structures and Materials (Taken at ECC)	3 of 21
7e	NST204 Materials in Nanotechnology (Taken at ECC)	3 of 21
7f	NST205 Patterning for Nanotechnology (Taken at ECC)	3 of 21
7g	NST206 Vacuum Systems and Nanotechnology Applications (Taken at ECC)	3 of 21

ITEM	REQUIREMENT	CREDITS
8	HED/PED/ATH	2
8a	Select 2 credits from any HED, PED, ATH option	2 of 2
9	TOTAL	61
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

Teaching and Education

Teaching Assistant (A.A.S., CERT)

Higher expectations at both the state and national levels have resulted in more rigorous certification requirements for teaching assistants. The four levels of paraprofessional licensure encourage development of a career path and continuation of postsecondary education.

470: Teaching Assistant–A.A.S.

SEMESTER COURSE PLANNING WORKSHEET

FALL 2018 to CURRENT

First Semester Credits

HED204	3
HISTORY ELECTIVE (See Note 3)	3
EDF100	3
ENG101 (By Placement)	3
PSY 101	3
IDENTIFYING AND REPORTING SUSPECTED CHILD ABUSE SEMINAR (See Note 1)	0
Total	15

Second Semester Credits

ENG102 or ENG105	3
LIT203	3
EDF250	3
PSY210	3
CIS 102	3
Total	15

Suggested Third Semester Credits

SCIENCE or MATH ELECTIVE (See Note 2)	3
PED177 (Fall only)	3

ASL 101	3
CONCENTRATION ELECTIVE	3
CONCENTRATION ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

GEO101	3
HUS 101	2
CONCENTRATION ELECTIVE	3
CONCENTRATION ELECTIVE	3
CONCENTRATION ELECTIVE	3
EDF 212 CO-OP EDUCATION	1
Total	15

Note: Advisement is mandatory prior to registration for the first 30 hours of study. Candidates completing the first 30 credit hours, as listed above, meet the requirements for the Genesee Community College Teaching Assistant Certificate.

Candidates completing the first 18 credit hours meet the necessary semester hours of collegiate study for:

- New York State Level II or III Teaching Assistant Certificate.
- New York State Pre-Professional Teaching Assistant Certificate provided they matriculate into a program registered as leading to teacher certification.

All candidates applying for a Level I, II, III, or Pre-Professional Teaching Assistant Certificate must achieve a qualifying score on the New York State Assessment of Teaching Assistant Skills Test (NYSATAS).

470: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Note 1: Certificate of Completion for Identifying and Reporting Suspected Child Abuse Seminar must be presented to the Advisement Center.

Note 2: Science and Math General Education Electives: Must select one (1).

Note 3: History: Must select one (1) from this category.

Concentration Electives: All students must choose an Area of Concentration (Generalist, Developmental Disabilities, or Learning Strategies and Technologies). Electives for this program should be selected within the intended Area of Concentration.

470: Teaching Assistant A A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENTS	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	HISTORY	3
2a	Select one: HIS101, HIS102, HIS104, HIS105, HIS203, or HIS204	3 of 3
3	HUMANITIES	3
3a	LIT203 Children's Literature	3 of 3
4	SOCIAL SCIENCE	3
4a	PSY101 General Psychology	3 of 3
5	HEALTH/PE/ATH	3
5a	HED204 Introduction to Healthful Living	3 of 3
6	PROGRAM REQUIREMENTS	24
6a	ASL101 American Sign Language 1	3 of 24
6b	CIS102 Introduction to Computers	3 of 24
6c	EDF100 Introduction to Education	3 of 24
6d	EDF 212 Co-operative Education	1 of 24
6e	HUS101 Introduction to Human Services	3 of 24
6f	EDF250 Introduction to Developmental Disabilities	3 of 24
6g	PED177 Adaptive Physical Education	2 of 24
6h	PSY210 Child Development	3 of 24
6i	GEO101 World Regional Geography	3 of 24
7	CONCENTRATION OPTIONS	15
7a	Option One: Developmental Disabilities	15
7a1	Select five (5) of the following courses: EDF105, HED205, HUR101, HUS104, HUS106, HUS251, PSY202, PSY211	15 of 15
7b	Option Two: Learning Strategies and Technologies	15
7b1	Select five (5) of the following courses: ASL102, CIS116, CIS120, EDF105, HUS106, MAT116, MAT117	15 of 15

ITEM	REQUIREMENTS	CREDITS
7c	Option Three: Generalist	15
7c1	EDF105 (Required)	3 of 15
7c2	Select four (4) of the following courses: ASL102, CIS116, CIS120, HED205, HUR101, HUS104, HUS106, HUS251, MAT116, MAT117, PSY202, PSY211	12 of 15
8	MATH or NATURAL SCIENCE	3
8a	Select one: SUNY Approved Mathematics course or SUNY Approved Natural Science course	3 of 3
9	TOTAL	60
10	Reading and Math Proficiency Required	0
11	Minimum QPI: 2.00	0

925: Teaching Assistant–Certificate**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018-CURRENT

Suggested Summer Semester Credits

HED204	3
HISTORY or FINE ARTS ELECTIVE	3
IDENTIFYING & REPORTING SUSPECTED CHILD ABUSE SEMINAR (See Note)	0
Total	6

Suggested First Semester Credits

EDF100	3
ENG101 (By Placement)	3
PSY101	3
EDF250	3
Total	12

Suggested Second Semester Credits

ENG102 or ENG105	3
PSY210 or PSY211	3
LIT203	3
CIS, SCIENCE, or MATH ELECTIVE	3
Total	12

925: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

Note: Certificate of Completion for Identifying and Reporting Suspected Child Abuse Seminar must be presented to the Advisement Center.

925: Teaching Assistant Certificate Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	6
1a	ENG101 College Composition	3 of 6
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 6
2	HISTORY or THE ARTS	3
2a	Select one: SUNY Approved Arts course , SUNY Approved American History course , SUNY Approved Western Civilizations course , SUNY Approved World Civilizations course	3 of 3
3	HUMANITIES	3
3a	LIT203 Children's Literature	3 of 3
4	SOCIAL SCIENCE	6
4a	PSY101 General Psychology	3 of 6
4b	PSY210 Child Development or PSY 211 Adolescent Development	3 of 6
5	MATHEMATICS or CIS or NATURAL SCIENCE	3
5a	Select one: CIS, AST, BIO, CHE, PHY, or MAT option	3 of 3
6	PROGRAM REQUIREMENTS	6
6a	EDF100 Introduction to Education	3 of 6
6b	EDF250 Introduction to Exceptionalities 1	3 of 6
6c	Identifying and Reporting Suspected Child Abuse Seminar	0
7	HEALTH	3
7a	HED204 Intro to Healthful Living	3 of 3
8	TOTAL	30
9	Reading and Math Proficiency Required	0
10	Minimum QPI: 2.00	0

Teacher Education Transfer (A.S.)

The Teacher Education Transfer program will prepare you to transfer to an upper division college in the field of education. A vital aspect of this program will be your guided observational experience giving you exposure to actual public and private classrooms.

425: Teacher Education–A.S.**SEMESTER COURSE PLANNING WORKSHEET**

FALL 2018 to CURRENT

Suggested First Semester Credits

ENG101 (By Placement)	3
FOREIGN LANGUAGE	3
HISTORY	3
SCIENCE ELECTIVE	3
PSY101	3
Total	15

Suggested Second Semester Credits

ENG102 or ENG105	3
FOREIGN LANGUAGE	3
ARTS ELECTIVE	3
HISTORY	3
SPE103 or SPE108 or SPE109 or HUR101	3
Total	15

Suggested Third Semester Credits

HISTORY	3
EDF201	3
GENERAL ELECT/MATH ELECT	
Early Childhood/Childhood: MAT116 required	
Adolescent: MAT Elect (MAT129 recommended)	3
PSY210 or PSY211	
Early Childhood/Childhood: PSY 210 Required	
Adolescent: PSY211 Required	3
GENERAL ELECTIVE	3
Total	15

Suggested Fourth Semester Credits

HEALTH/PE/ATH (HED204 Recommended-3 credits)	2
EDF202	3
GENERAL ELECT/MATH ELECT	
Early Childhood/Childhood: MAT117 req., Adolescent: General Elective	3
GENERAL ELECTIVE	3
GENERAL ELECTIVE	3
HUMANITIES ELECTIVE	3

Total

17

425: General Curriculum Information

Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see [GCC Placement and Proficiency Guide](#) for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.

General Electives: Electives for this program should be selected with the transfer institution and program of interest in mind. For additional assistance with course selection, see the Transfer Coordinator in the Career & Transfer Center.

Foreign Language Requirement: Proficiency may be determined by a placement test in the language: Spanish or French. (Generally, SUNY institutions accept ASL if students are in a helping profession, such as teacher education, nursing, etc. Students should check with their transfer institution to determine if ASL is accepted as a foreign language and ask for a waiver.)

Foreign Language Placement Guide

Note: All students must choose a Major/Concentration and start course work in that discipline (9-15 credits are recommended; consult transfer institution).

- History–Must select one from each area: U.S. History, World Civilization and Western Civilization
- If selecting a Science or Math concentration–seek advisement.
- If selecting an English concentration – seek advisement.
- Early Childhood/Childhood: BIO100 or AST107 or PHY100 (consult your transfer institution)
- Early Childhood/Childhood: MAT116/MAT117; Adolescent: Math Elective (MAT129 recommended)

425: Teacher Education A S Degree Requirements Table

FALL 2018 to CURRENT

ITEM	REQUIREMENT	CREDITS
1	BASIC COMMUNICATION	9
1a	ENG101 College Composition	3 of 9
1b	ENG102 Composition in the Natural and Social Sciences or ENG105 Composition in the Humanities	3 of 9
1c	SPE103 Introduction to Oral Interpretation or SPE108 Public Speaking or SPE109 Interpersonal Communication or HUR101 Human Relations I	3 of 9
2	HISTORY	9
2a	American History Elective: HIS203 US History I or HIS204 US History II or for students having obtained an 85 or higher on the US History Regents exam any SUNY Approved American History course	3 of 9
2b	Western Civilization: Select one: SUNY Approved Western Civilizations course	3 of 9
2c	World Civilization: Select one: SUNY Approved World Civilizations course	3 of 9
3	ARTS	3
3a	Select one: SUNY Approved Arts course	3 of 3
4	HUMANITIES	3
4a	Select one: SUNY Approved Humanities course	3 of 3
5	SOCIAL SCIENCE	3
5a	PSY101 General Psychology	3 of 3
6	MATHEMATICS	3
6a	Select one: SUNY Approved Mathematics course (MAT117 Recommended for Early Childhood and Childhood Education with prerequisite of MAT116)	3 of 3
7	NATURAL SCIENCE	3
7a	Select one: SUNY Approved Natural Sciences course	3 of 3
8	PROGRAM REQUIREMENTS	6
8a	EDF201 Educational Foundations 1	3 of 6
8b	EDF202 Educational Foundations 2	3 of 6
8c	PSY210 or PSY211 (Early Childhood/Childhood: PSY 210 Required)	3 of 6

ITEM	REQUIREMENT	CREDITS
	- Adolescent: PSY211 Required)	
9	HED/PED/ATH	2
9a	Select 2 credits from any HED, PED, ATH option	2 of 2
10	FOREIGN LANGUAGE	6
10a	Select two consecutive: SUNY Approved Foreign Language course See Foreign Language placement recommendations on reverse side	6 of 6
11	GENERAL ELECTIVES	12
11a	Recommended per advisement: EDF250, MAT116, & courses from intended major/concentration. Consult transfer institution for specific program requirements.	12 of 12
12	TOTAL	62
13	Reading and Math Proficiency Required	0
14	Minimum QPI: 2.00	0

COURSE DESCRIPTIONS

Course offerings and descriptions are accurate as of the time of this catalog's production. For a full catalog description of any course visit www.genesee.edu/academics/catalog/dspSubjectList/

Course Abbreviations

Abbreviation Subject

ACC	Accounting
AGR	Agriculture
ANT	Anthropology
ART	Art
ASL	American Sign Language
AST	Astronomy
ATH	PE Competitive Fundamentals
BIO	Biology
BLM	Business Logistics Management
BUS	Business Administration
CEP	Career Educational Planning
CES	College Skills
CHE	Chemistry

Abbreviation Subject

CIN	Cinema
CIS	Computer Information Systems
COE	Cooperative Education
COM	Communications and Media Arts
CPS	Creative Problem Solving
CRJ	Criminal Justice
CSN	Computer Sys & Network Technology
DAN	Dance
ECO	Economics
EDF	Education
EGR	Engineering Science
ENG	English
ESL	English Second Language
FBM	Fashion Merchandising Mgmt
FPT	Food Processing Technology
FRE	French
FYE	First Year Experience
GEO	Geography
HED	Health Education

Abbreviation Subject

HIS	History
HON	Honors
HUM	Humanities
HUR	Human Relations
HUS	Human Services
JOU	Journalism
LIT	Literature
MAT	Mathematics
MET	Meteorology
MSC	Military Science
MSP	Math/Science Preparatory
MUS	Music
NST	Nanoscience Technology
NUR	Nursing
OFT	Office Technology/Secretarial
PED	Physical Education
PHI	Philosophy
PHM	Pharmacology
PHO	Photography
PHY	Physics
PLG	Paralegal
POR	Portuguese
POS	Political Science
PSG	Polysomnography Technology
PSY	Psychology
PTA	Physical Therapist Assistant
RCP	Respiratory Care
REA	Reading
RET	Retail Business Management
SCI	Science
SER	Service Learning
SOC	Sociology
SPA	Spanish
SPE	Speech
TEC	Technical
THE	Theatre
THM	Tourism & Hospitality Mgmt
VET	Veterinary Technology

Accounting**ACC101 – Introduction to Financial Accounting**

3 credits

Catalog Description: The concepts, principles and standards of financial accounting as they apply to financial statements including the statement of cash flows are developed from a user perspective. Generally Accepted Accounting Principles are applied to cash, receivables, payables, inventory, long-term operational assets, long-term debt and equity. Prerequisite or corequisite: MAT 092 or completion of the Genesee Community College math proficiency.

ACC102 – Introduction to Managerial Accounting

3 credits

Catalog Description: The concepts and principles of managerial accounting as they apply to financial statements including the statement of cash flows are developed from a user perspective. Topics include manufacturing accounting, cost-volume-profit analysis, decision making, cost accumulation and allocation, budgeting, performance evaluation, responsibility accounting, capital budgeting, cost accounting systems and financial statement analysis. Prerequisite: ACC101.

ACC106 – Basic Accounting Practices

3 credits

Catalog Description: Survey aspects of financial and managerial accounting with an emphasis on analysis and interpretation of financial statements and the application of key managerial accounting tools for decision-making. Not open to students with credit in ACC101. Designed primarily for Office Technology, Tourism Management, and Fashion Merchandising Management students.

ACC201 – Computer Applications in Accounting

3 credits

Catalog Description: Develops skills using currently popular accounting software,

converting a manual accounting system to a computerized system. Emphasizes the computer as a problem-solving tool in various accounting and financial situations. Spring only. Prerequisites: CIS116 and ACC102.

ACC211 – Intermediate Accounting 1

3 credits

Catalog Description: In-depth study of Generally Accepted Accounting Principles. Topics include the conceptual framework of accounting, financial statements and related disclosures, accounting for cash, receivables and inventories, asset acquisition, cost allocation and asset disposition. Fall only. Prerequisite: ACC102.

ACC212 – Intermediate Accounting 2

3 credits

Catalog Description: A continuation ACC211, Generally Accepted Accounting Principles. Topics include current liabilities and contingencies, long-term liabilities and receivables, investments, contributed capital, retained earnings, earnings per share, income recognition, income taxes, post employment benefits, leases, statement of cash flows and accounting for changes and errors. Spring only. Prerequisite: ACC211.

ACC215 – Cost Accounting

3 credits

Catalog Description: Studies managerial accounting in-depth from the preparer's perspective. Topics include managerial decision support systems, elements of costs, job-order and process costing, just-in-time and flexible manufacturing systems, cost-volume-profit analysis, budgets and performance evaluation. Spring only. Prerequisite: ACC102.

ACC217 – Introduction to Income Tax

3 credits

Catalog Description: Survey of current Federal Income Tax law and practice in the preparation of tax returns for the individual taxpayer. Topics include determination of gross income, deductions, exemptions, income from trade or business, retirement plans, credits and special taxes, accounting periods and methods,

depreciation, gains and losses, withholding, estimated tax, payroll taxes, tax administration and tax planning. Fall only. Prerequisite: ACC102.

Agriculture

AGR101 – Western New York Agriculture

3 credits

Catalog Description: Introduces the diversity of Agriculture in WNY, its economic impact in the region, and the challenges and changes that need to take place to feed the world's growing population. Topics include: agronomy, bioengineering, integrated pest management, environmental issues, technologies, animal care, production systems, organic farming, labor issues, food processing systems and economics. Many of the classes will be farm and agribusiness field trips to develop an understanding of the importance and scope of the agriculture industry. Prerequisite: Completion of Genesee Community College reading proficiency.

Anthropology

ANT102 – Cultural Anthropology

3 credits

Catalog Description: Examines different levels of technological complexity of selected cultures and analyzes topics common to all societies such as religion, kinship, marriage, child-rearing practices, social structure, ecological relationships, linguistics, and other areas.

ANT106 – New York State Social History and Folklore

3 credits

Catalog Description: Emphasizes the impact of major social changes in the daily life of New Yorkers from prehistoric times to the present focusing on technology and oral traditions. Includes museum tours, period cooking, and gathering folklore.

ANT118 – Forensic Anthropology

3 credits

Catalog Description: Examines human skeletal remains in the context of medicolegal issues.

Analyzes the scientific evidence of skeletal or badly decomposed remains in order to establish circumstances of death and identification of the decedent by estimating age, gender, racial affinity, stature, pathologic conditions, and traumatic injury. Introduces human osteology, and presents methods and techniques used in forensic anthropology. Discusses case reports, contexts in which remains are found, and methods of recovery.

Art

ART102 – Fashion Trends and Design

3 credits

Catalog Description: This course is an introduction to fashion design. Students will use fashion, history, design and materials in learning about the world of fashion. Fall only. Students may receive credit only once for this listing.

ART103 – Western Art History 1

3 credits

Catalog Description: Surveys history of western art from prehistory to CE 1500, and compares and contrasts with the art of later periods. Introduces the distinctive features of the art produced by western civilization and relates its development to that of other regions.

ART104 – Western Art History 2

3 credits

Catalog Description: Surveys history of western art from CE 1500 to present, and compares and contrasts with the art of earlier periods. Introduces the distinctive features of art produced by western civilization and relates its development to that of other regions.

ART105 – Two-Dimensional Design

3 credits

Catalog Description: Introduces the elements and principles of design and art concepts. Focuses on creative problem solving, critical analysis of visual imagery, and utilizing visual arts as a form of expression. Two class hours, two studio hours.

ART107 – Typography and Layout

3 credits

Catalog Description: Introduces the basics of using type in the graphic arts. Students clarify and enhance visual messages through the use of type and visual placement (layout) of information. Two class hours, two studio hours. Prerequisites: ART105 and ART209.

ART110 – Drawing 1

3 credits

Catalog Description: Introduces beginning drawing skills. Focuses on observational drawing and the development of an artistic imagination. Students must supply their own materials. Two class hours, two studio hours.

ART111 – Drawing 2

3 credits

Catalog Description: Explores advanced drawing techniques and the creative process. Focuses on developing large drawings in a variety of mixed-media materials. Two class hours, two studio hours. Students must provide their own supplies. Prerequisite: ART110.

ART113 – Illustration Cartooning

3 credits

Catalog Description: Explores drawing and illustrating different types of cartooning used in comic books, graphic novels, advertising, caricature, storyboards, concept art, and comic strips. Examines the history of cartooning and its influence on contemporary art. Addresses the business aspects of cartooning such as employment, grants, printing, and publishing. Also focuses on creative writing, and visual communication. Two class hours, two studio hours. Students must provide their own supplies. Prerequisite: ART 110.

ART114 – Painting 1

3 credits

Catalog Description: Introduces acrylic painting techniques. Focuses on the use of color theory, design fundamentals and painting styles. Two class hours, two studio hours. Prerequisite: ART 110

ART115 – Painting 2

3 credits

Catalog Description: Explores advanced acrylic painting techniques. Focuses on developing new skills in painting, experimenting with mixed-media approaches and creative concepts. Students must provide their own supplies. Two class hours, two studio hours. Prerequisite: ART114.

ART123 – Ceramics 1

3 credits

Catalog Description: Utilizes various methods of hand building in clay and focuses on vessel traditions and ceramic sculpture. Teaches students the mastery of clay materials. Encourages creativity, craftsmanship and development of personal ideas through a variety of problem solving assignments. Reading material, demonstrations, critiques and lectures with an overview of historical ceramics supplement studio work. Lecture: 2 hours Studio: 2 hours

ART124 – Ceramics 2

3 credits

Catalog Description: Utilizes the potter's wheel and hand building skills to create functional and sculptural ceramics. Emphasizes excellent mastery of clay materials including form, proportion, design, craftsmanship and personal expression. Instruction of making glazes, loading and firing kilns. Reading material, demonstrations, critiques and lectures on ceramic history supplement studio work. Two class hours, two studio hours. Prerequisite: ART 123.

ART125 – Craft Fundamentals 1

3 credits

Catalog Description: Develops skills to work with clay or metal crafts. Explores various media including pottery, ceramic sculpture, jewelry, and metal arts. Includes individualized instruction within an open studio environment. Two class hours, two studio hours.

ART126 – Craft Fundamentals 2: Advanced

3 credits

Catalog Description: Offers intensive work in three-dimensional material. Includes history,

concepts, theory, and problems in various media. Open studio with individualized instruction. Two class hours, two studio hours. Prerequisite: ART125.

ART127 – 3-D Design

3 credits

Catalog Description: Teaches students the mastery of 3-Dimensional materials. Introduces design, techniques, methods and tools of sculpture. Encourages creativity, craftsmanship and development of personal ideas through a variety of problem solving assignments. Reading material, demonstrations, critiques and lectures with an overview of 3-Dimensional history supplement studio work. Two class hours, two studio hours. Students must provide their own supplies.

ART163 – Art Appreciation With a Focus on Local Art

3 credits

Catalog Description: An interactive approach to art appreciation with an emphasis on understanding local works of art. Surveys the connection between art and the local community from a variety of perspectives. Examines the value and expressive function of art and reviews ways to use visual language to create and evaluate artwork. Students will gain hands-on experience creating collaborative artwork. Includes tours of local art studios and visiting guest artists in the southern tier area.

ART207 – Graphic Design Applications

3 credits

Catalog Description: In-depth study of graphic design software including paint and vector-based programs. Tutorials guide students through detailed exploration of layout, paint, and draw programs. Two class hours, two studio hours. Prerequisites: ART105 and ART209.

ART209 – Computer Graphics

3 credits

Catalog Description: Introduces the computer as image-making tool. Includes image development, dimensioning, modifying, storage, and system management. Two class hours, two lab hours.

ART210 – Computer Graphics 2

3 credits

Catalog Description: Focuses on the computer as an image-making and image-retrieval tool. Advanced study in image development, dimensioning, modifying, storage, retrieval, and system management. Builds skills in presentation graphics using different graphic software. Two class hours, two lab hours. Prerequisite: ART209.

ART213 – Digital Art Internship

3 credits

Catalog Description: Educationally structured work experience in a selected digital art or graphic art agency, under the supervision of agency personnel and the instructor. Provides opportunities to apply knowledge and skills to specific career application and objectives. A minimum of 150 hours required for completion. Prerequisites: ART107 and ART207, or permission of instructor.

ART214 – Interdisciplinary Computer Art

3 credits

Catalog Description: Integrates artistic pursuits (photography, drawing, painting, music, writing and/or video) into the digital realm. Students create animation, digital illustrations and photo manipulations using the computer. Prerequisite: ART209.

ART215 – Adv Studies-Digital Art

3 credits

Catalog Description: This capstone project course develops advanced skills in digital art problem solving and analysis. Includes either print- or multimedia-based strategies. Prerequisite: ART207.

ART217 – Graphic Design Portfolio

3 credits

Catalog Description: Advances skills learned in prior classes. Includes production of graphic design projects that recreate industry- and client-based standards. Emphasizes printing methods, paper and ink selection, production management, and cost control. Prerequisites: ART107 and ART207.

ART221 – Museum and Portfolio Fundamentals

2 credits

Catalog Description: Prepares the artist for entrance into the career field by developing and exploring career goals and opportunities and reviewing art resources. Assists students in creating a comprehensive professional art portfolio and promotional materials as well as developing skills in art presentation and museum practices.

ART225 – Fashion Illustration

3 credits

Catalog Description: An introduction to fashion illustration and portfolio development. Students learn foundation skills to design on the human form; fashion figure proportions, garment/fabric and garment details, color and basic rendering techniques, designer sketching and illustration and development of a garment collection. Students must provide their own supplies. Fall only.

American Sign Language

ASL101 – American Sign Language 1

3 credits

Catalog Description: First course in a sequence that develops skills and knowledge needed to become a competent sign communicator. Introduces basic sign vocabulary, principles and linguistic information. Presents structured and supervised practice of everyday vocabulary and various forms of sign communication. Introduces Deaf culture, Deaf education, family relationships, and other relevant topics. Emphasizes ability to use and understand basic Sign in context at the novice level. Instructor determines final placement.

ASL102 – American Sign Language 2

3 credits

Catalog Description: Continues the development of receptive and expressive communications skills in American Sign Language introduced in ASL101. Introduces new sign vocabulary and principles in a supervised, structured environment. Focuses on simultaneous

communication, Deaf education, and other topics of interest to the class. Emphasizes ability to use and understand basic Sign in context at the high novice level. Prerequisite: ASL101, or the completion of an assessment test given by the instructor. Instructor determines final placement.

ASL110 – Field Experience in American Sign Language

3 credits

Catalog Description: Introductory field placement in an agency, where American Sign Language will be utilized, under the supervision of agency personnel and instructor. Develops objectives for the internship in conjunction with the respective agency, instructor and student through a field placement contract. Develops helping communication skills, case plan writing skills and professional behavior through weekly seminar on-campus. Case writing, video critiques, and communication skill activities demonstrate knowledge of course content. Eight off-campus laboratory hours, and one and one-half on-campus hours per week. Prerequisites: HUS 101 and ASL 201.

ASL201 – American Sign Language 3

3 credits

Catalog Description: Presents specialized sign vocabulary found in education, social work, nursing and medical environments, criminal justice, and computers. Students develop individualized portfolios of signs common to their discipline/areas of interest. Identifies laws and cultural attitudes governing interactions with deaf individuals. Taught in ASL with occasional English equivalents. Prerequisite: ASL 102. Instructor determines final placement.

ASL202 – American Sign Language 4

3 credits

Catalog Description: Continues the development of receptive and expressive communication skills in American Sign Language. Compares and contrasts ASL and English grammar and discourse resulting in the production and interpretation of a clearly detailed story. Expands knowledge of Gloss Notation, introduces the

linguistics of ASL and reviews Deaf history and culture from pre-history to the present. Substantial portions of the class will be taught in ASL. Prerequisite: ASL 201, or the completion of an assessment test given by the instructor. Instructor determines final placement.

ASL291 – American Sign Language 4

3 credits

Catalog Description: Continues the development of receptive and expressive communication skills in American Sign Language. Compares and contrasts ASL and English grammar and discourse resulting in the production and interpretation of a clearly detailed story. Expands knowledge of Gloss Notation, introduces the linguistics of ASL and reviews Deaf history and culture from pre-history to the present. Substantial portions of the class will be taught in ASL. Prerequisite: ASL 201, or the completion of an assessment test given by the instructor. Instructor determines final placement.

Astronomy

AST107 – Astronomy

3 credits

Catalog Description: Introduction to the universe and the techniques used to study it. Topics include laws of planetary motion, the solar system, types of stars, stages in a star's life, galaxies, cosmology, and telescopes and other instruments. Note: Basic mathematical skills, such as multiplication and division done on a calculator, are required in this course. Two class hours, two laboratory hours.

PE Competitive Fundamentals

ATH201 – Competitive Women's Volleyball Fundamentals I

1 credits

Catalog Description: Focuses on advanced volleyball skill development, competition techniques and strategy for highly skilled, first-year participants in competitive women's volleyball. One and one-half class hours. Prerequisite: Permission of instructor.

ATH202 – Competitive Women's Volleyball Fundamentals II

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first-year player in intercollegiate athletics specific to the sport of women's volleyball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH203 – Competitive Women's Volleyball Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in women's volleyball. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH204 – Competitive Women's Volleyball Fundamentals IV

1 credits

Catalog Description: Focuses on advanced volleyball skill development, competition techniques and strategy for highly skilled, second-year participants in competitive women's volleyball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH205 – Competitive Men's Soccer Fundamentals I

1 credits

Catalog Description: Focuses on advanced soccer skill development, competition techniques and strategy for highly skilled, first-year participants in competitive men's soccer. One and one-half class hours. Prerequisite: Permission of instructor.

ATH206 – Competitive Men's Soccer Fundamentals II

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first-year player in intercollegiate athletics specific to the sport of men's soccer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH207 – Competitive Men's Soccer Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in men's soccer. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH208 – Competitive Men's Soccer Fundamentals IV

1 credits

Catalog Description: Focuses on advanced soccer skill development, competition techniques and strategy for highly skilled, second-year participants in competitive men's soccer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH209 – Competitive Women's Soccer Fundamentals I

1 credits

Catalog Description: Focuses on advanced soccer skill development, competition techniques and strategy for highly skilled, first-year participants in competitive women's soccer. One and one-half class hours. Prerequisite: Permission of instructor.

ATH210 – Competitive Women's Soccer Fundamentals II

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first-year player in intercollegiate athletics specific to the sport of women's soccer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH211 – Competitive Women's Soccer Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in women's soccer. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH212 – Competitive Women’s Soccer Fundamentals IV

1 credits

Catalog Description: Focuses on advanced soccer skill development, competition techniques and strategy for highly skilled, second-year participants in competitive women’s soccer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH213 – Competitive Men's Basketball Fundamentals I

1 credits

Catalog Description: Focuses on advanced basketball skill development, competition techniques and strategy for highly skilled, first-year participants in competitive men’s basketball. One and one-half class hours. Prerequisite: Permission of instructor.

ATH214 – Competitive Men's Basketball Fundamentals II

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first-year player in intercollegiate athletics specific to the sport of men’s basketball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH215 – Competitive Men’s Basketball Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in men’s basketball. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH216 – Competitive Men’s Basketball Fundamentals IV

1 credits

Catalog Description: Focuses on advanced basketball skill development, competition techniques and strategy for highly skilled, second-year participants in competitive men’s

basketball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH217 – Competitive Women's Basketball Fundamentals I

1 credits

Catalog Description: Focuses on advanced basketball skill development, competition techniques and strategy for highly skilled, first-year participants in competitive women’s basketball. One and one-half class hours. Prerequisite: Permission of instructor.

ATH218 – Competitive Women's Basketball Fundamentals II

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first-year player in intercollegiate athletics specific to the sport of women’s basketball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH219 – Competitive Women’s Basketball Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in women’s basketball. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH220 – Competitive Women’s Basketball Fundamentals IV

1 credits

Catalog Description: Focuses on advanced basketball skill development, competition techniques and strategy for highly skilled, second-year participants in competitive women’s basketball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH221 – Competitive Swimming Fundamentals I

1 credits

Catalog Description: Focuses on advanced swimming skill development, competition

techniques and strategy for highly skilled, first-year participants in competitive swimming. One and one-half class hours. Prerequisite: Permission of instructor.

ATH222 – Competitive Swimming Fundamentals II

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first-year player in intercollegiate athletics specific to the sport of swimming. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH223 – Competitive Swimming Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in swimming. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH224 – Competitive Swimming Fundamentals IV

1 credits

Catalog Description: Focuses on advanced swimming skill development, competition techniques and strategy for highly skilled, second-year participants in competitive swimming. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH225 – Competitive Baseball Fundamentals I

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first year player in intercollegiate athletics specific to the sport of baseball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH226 – Competitive Baseball Fundamentals II

1 credits

Catalog Description: Focuses on advanced baseball skill development, competition techniques and strategy for highly skilled, first-year participants in competitive baseball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH227 – Competitive Baseball Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in baseball. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH228 – Competitive Baseball Fundamentals IV

1 credits

Catalog Description: Focuses on advanced baseball skill development, competition techniques and strategy for highly skilled, second-year participants in competitive men's baseball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH229 – Competitive Softball Fundamentals I

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first year player in intercollegiate athletics specific to the sport of softball. One and one-half class hours. Prerequisite: Permission of instructor.

ATH230 – Competitive Softball Fundamentals II

1 credits

Catalog Description: Focuses on advanced softball skill development, competition techniques and strategy for highly skilled, first-year participants in competitive softball. One and one-half hours. Prerequisite: Permission of instructor.

ATH231 – Competitive Softball Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in softball. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH232 – Competitive Softball Fundamentals IV

1 credits

Catalog Description: Focuses on advanced softball skill development, competition techniques and strategy for highly skilled, second-year participants in competitive women's softball. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH233 – Competitive Men's Lacrosse Fundamentals I

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first year player in intercollegiate athletics specific to the sport of men's lacrosse. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH234 – Competitive Men's Lacrosse Fundamentals II

1 credits

Catalog Description: Focuses on advanced lacrosse skill development, competition techniques and strategy for highly skilled, first-year participants in competitive men's lacrosse. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH235 – Competitive Men's Lacrosse Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in men's lacrosse. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH236 – Competitive Men's Lacrosse Fundamentals IV

1 credits

Catalog Description: Focuses on advanced lacrosse skill development, competition techniques and strategy for highly skilled, second-year participants in competitive men's lacrosse. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH237 – Competitive Women's Lacrosse Fundamentals I

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first year player in intercollegiate athletics specific to the sport of women's lacrosse. One and one-half class hours. Prerequisite: Permission of instructor.

ATH238 – Competitive Women's Lacrosse Fundamentals II

1 credits

Catalog Description: Focuses on advanced lacrosse skill development, competition techniques and strategy for highly skilled, first-year participants in competitive women's lacrosse. One and one-half hours. Prerequisite: Permission of instructor.

ATH239 – Competitive Women's Lacrosse Fundamentals III

1 credits

Catalog Description: Focuses on leadership skills for a second-year player in women's lacrosse. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH240 – Competitive Women's Lacrosse Fundamentals IV

1 credits

Catalog Description: Focuses on advanced lacrosse skill development, competition techniques and strategy for highly skilled, second-year participants in competitive women's lacrosse. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH241 – Competitive Golf Fundamentals I

1 credits

Catalog Description: Introduces plans and strategies for success and optimal experience for the first year player in intercollegiate athletics specific to the sport of golf. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH242 – Competitive Golf Fundamentals II

1 credits

Catalog Description: Focuses on advanced golf skill development, competition techniques and strategy for highly skilled, first-year participants in competitive golf. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH243 – Competitive Golf Fundamentals III

1 credits

Catalog Description: Catalog Description: Focuses on leadership skills for a second-year player in golf. Provides students with the opportunity to analyze athletic and academic progress and plan for career transfer. One and one-half class hours. Prerequisite: Permission of the instructor.

ATH244 – Competitive Golf Fundamentals IV

1 credits

Catalog Description: Focuses on advanced golf skill development, competition techniques and strategy for highly skilled, second-year participants in competitive golf. One and one-half class hours. Prerequisite: Permission of the instructor.

Biology

BIO100 – Principles of Biology

3 credits

Catalog Description: Introduction to the basic characteristics of life, organisms, their interactions, and the scientific process. Improves scientific thinking and increases science literacy. Explores five core concepts of biology: studying and using the scientific method, evolution, ecology, genetics, and biodiversity. Two class hours, two lab hours. (Not for credit in Math/Science curriculum or students with credit

in restricted biology electives) Not open to students with credit in BIO152, BIO153, BIO115, or BIO116.

BIO102 – Human Biology

3 credits

Catalog Description: Surveys basic concepts of human anatomy and physiology, including the structure of cells, tissues, and organs and their normal physiological interactions. Laboratory experiences reinforce important concepts. Two class hours, two lab hours. (Not for credit in Math/Science curriculum or students with credit in BIO 150, 152, or 153).

BIO103 – Introduction to Microbiology

3 credits

Catalog Description: Introduces the science of microbiology including animal and/or foodborne microorganisms. Lectures explore the biology of microorganisms including but not limited to bacteria, viruses, fungi, prions and/or foodborne microorganisms. Topics include microbial identification and control. Laboratory experiences include performance of common procedures and tests used in microbiology. Lecture two hours; Lab two hours. Prerequisite: Completion of the Genesee Community College Math proficiency or concurrent enrollment in MAT 092 or MAT 108.

BIO104 – Fundamentals of Cell Biology

3 credits

Catalog Description: Introduces basic chemistry, the structure, function, and biochemistry of cells, and the scientific method. Laboratory exercises develop skills including use of binocular microscopes and measuring. This is a preparatory course, for students with little or no recent experience in biology and chemistry, who plan on taking additional biology courses. Two class hours, two lab hours. Prerequisite: Completion of the Genesee Community College reading requirement and completion of the Genesee Community College math requirement or concurrent enrollment in MAT 108 or MAT 092. Students planning to enroll in Physical Therapy Assistant or a Math or Natural Science

program should choose MAT092. Not open to students with credit in BIO 115, BIO 152 or higher. (Not for credit in Math/Science curriculum)

BIO108 – Human Nutrition

3 credits

Catalog Description: Overview of basic concepts of diet and nutrition. Topics include elementary anatomy and physiology of the digestive system, introductory food chemistry, weight control, and the role of diet in health. Lab exercises analyze some popular foods for simple nutrients. Students analyze popular diets for nutritional completeness. Two class hours, two lab hours. (Not for credit in Math/Science curriculum).

BIO111 – Ecology

4 credits

Catalog Description: Overview of the broad discipline of ecology, and introduces biological and physical components of the environment and the interactions between the two. Topics include basic ecology, meteorology, hydrology, environmental degradation, and resource management. Fall only. Three class hours, three lab hours. Prerequisite: BIO 104 with a grade of 'C' or higher or high school Regents chemistry or Regents biology with a Regents exam grade of 70 or higher. Must meet the Genesee Community College reading proficiency.

BIO114 – Rain Forest Biology

3 credits

Catalog Description: An immersion course held in Costa Rica. Students travel to the Central American rain forest for an introduction to its biodiversity, neighboring environments that the forests impact, and aspects of forest destruction. Topics include different aspects of ethnobotany, elementary botany, ecology, and earth science. Spring only. Prerequisite: Students should be in good health and be reasonably physically fit. Students must enroll separately with the tour company and pay all trip expenses prior to travel. (Not for credit in Math/Science curriculum)

BIO115 – General Biology 1

4 credits

Catalog Description: Examines the structure and functioning of cells, including origin, physiology, biochemistry, respiration, photosynthesis, reproduction, and genetics. Laboratory exercises reinforce the lectures, which include using microscopes and measurement techniques. General Biology 1 and 2 are recommended to students transferring into premedicine or any life science program. (General Biology I and II are not sequential. Either may be taken first.).. Prerequisites: High school Regents biology completed with a 75 or higher or permission of the instructor. Completion of the Genesee Community College reading and math proficiencies.

BIO116 – General Biology 2

4 credits

Catalog Description: Introduces evolutionary theory and the diversity of living things. Students will explore the scientific evidence for evolution and processes by which new species emerge. Special emphasis will be placed on the genetic, molecular, anatomical, and physiological characteristics that define and are used to classify plant and animal species. General Biology 1 and 2 are recommended to students transferring to any of the life sciences programs. (General Biology 1 and 2 are not sequential. Either may be taken first.).. Prerequisites: High School Regents Biology completed with a 75 or higher or permission of instructor. Completion of the Genesee Community College reading and math proficiencies.

BIO117 – Introduction to Biotechnology

3 credits

Catalog Description: A survey course in the field of biotechnology. Topics include current career opportunities; biotechnology research; industry development and regulation; microbial, plant and animal biotechnology practices; biotechnology's role in modern medicine, agriculture and DNA profiling; bioethics and the impact of biotechnology on society. Includes an introduction to documentation (notebooks), Standard Operating Procedure (SOP), Quality Assurance (QA), current Good Laboratory

Practices (cGLP) and Federal Drug Administration (FDA) Regulations.

BIO118 – Human Inheritance

3 credits

Catalog Description: Explores the biology behind genetic inheritance. Introduces concepts and topics in human heredity such as: the structure and function of genes and chromosomes, the role of meiosis in mutation, gamete formation, and reproduction. Two class hours, two lab hours. Prerequisite: Completion of the Genesee Community College reading proficiency. (Not for credit in Math/Science curriculum or students with credit in BIO 205).

BIO150 – Survey of Human Anatomy and Physiology

4 credits

Catalog Description: Surveys the structure and function of the human organism, in particular the following systems: integumentary, skeletal, muscular, cardiovascular, respiratory, endocrine and nervous, with homeostasis as a major theme. A lab component will include microscopy, with an emphasis on using anatomical models to learn the fundamental anatomical features of each system. Primarily for physical education majors and those students who need a 4 credit science elective. Three class hours, three lab hours. Prerequisite: Completion of the Genesee Community College reading and math proficiency.

BIO152 – Anatomy & Physiology 1

4 credits

Catalog Description: Studies the structures and functions of the human body. Focuses on the following systems: integumentary, skeletal, muscular and nervous, including the senses. Major topics include anatomical terminology, the molecular and cellular basis of physiologic processes, and tissues. Emphasis on homeostasis including the role of control systems such as negative feedback and the relation of form and function. Includes selected pathologies. Laboratory work includes histological observations using microscopes,

CD's and websites, anatomy studies using models and dissections, and physiology exercises. Three class hours, three lab hours. Prerequisite: BIO 104 or BIO 115 each with a grade of 'C' or higher and completed within the last 5 years, or acceptance into a health care career program. Completion of the Genesee Community College Math and Reading proficiencies.

BIO153 – Anatomy & Physiology 2

4 credits

Catalog Description: A continuation of BIO152 with a focus on the normal structure, function, and metabolic pathways of the following systems: endocrine, circulatory, lymphatic/immune, respiratory, urinary, digestive and reproductive. Acid/base balance, body fluids and electrolytes are also considered. Laboratory work includes histological observations using microscopes, CD's and websites, anatomy studies using models and dissections, and physiological exercises. Three class hours, three lab hours. Prerequisite: BIO 152 with a grade of 'C' or higher.

BIO201 – Microbiology and Human Disease

4 credits

Catalog Description: Studies the characteristics of microorganisms, their role in health and disease, and methods of controlling them. Examines mechanisms of immunity. Laboratory exercises reinforce important concepts and aseptic techniques. Recommended for students majoring in health-related sciences. Three class hours, three lab hours.. Prerequisite: BIO152 or BIO115 with a 'C' or higher.

BIO205 – Genetics

4 credits

Catalog Description: Basic genetic concepts and topics. Structure, function, and interaction of DNA and RNA. Replication and mutation of DNA. Regulation of gene expression. Structure and function of eukaryotic cells, chromosomes, and their mutation. Transmission and inheritance of simple traits, molecular traits, and the calculation of molecule size through

electrophoresis. Labs use breeding experiments and molecular biology. Current application of molecular genetics to mutations, populations, evolution, or disease and development may be discussed. Prerequisites: BIO 115 and CHE 101 with a grade of 'C' or higher.

BIO206 – General Microbiology

4 credits

Catalog Description: Studies the structure and function of micro-organisms, with an emphasis on prokaryotes. Topics include microbial physiology, growth and metabolism, control of growth, genetics and genetic engineering, host-microbe relationships, principles of immunology, environmental and applied microbiology. Lab procedures include microscopy, aseptic technique, staining methods, media preparation and use, growth of bacterial cultures, enzyme and chemical assays, identification techniques, modern molecular techniques. Three class hours, three lab hours. Prerequisite: BIO 115 with a grade of 'C' or higher.

BIO211 – Experiences in Biological Research

4 credits

Catalog Description: Teams up students with professionals and/or faculty in cooperative agencies, and/or 4-year colleges to gain first-hand experiences in biological sciences related to their career/academic objectives. Skills learned parallel requirements of the agency or 4-year college. Credits are earned during field work, laboratory work, site visits, student presentations, mentoring underclassmen, attending public or agency meetings and lecture. Spring only. Prerequisites: BIO115 and BIO116 or BIO111 and instructor permission.

BIO290 – Field Experience In Environmental Science

4 credits

Catalog Description: Pairs students with professionals and/or faculty in cooperative agencies, and/or 4 year colleges to gain first-hand experiences in environmental sciences related to their career/academic objectives. Skills learned parallel requirements of the agency or 4

year college. Credits are earned during field work, laboratory work, site visits, student presentations, mentoring underclassmen, attending public environmental community/agency meetings and lecture. 4 credits Prerequisites: BIO 115 and BIO 116 or BIO 111. Permission of the Instructor

Business Logistics Management

BLM101 – Principles of Business Logistics

3 credits

Catalog Description: This course explains the basic activities that support the efficient and cost effective flow of goods, starting with raw materials to their finished product state from the point of origin to their final destination in conformance with customer service standards. Specific areas addressed include the sharing of accurate and timely information, purchasing, transportation and distribution management, warehousing and inventory control, packaging, production planning and order fulfillment. Students should take this course during their first semester as a foundation for other BLM courses.

BLM212 – Transportation and Distribution Management

3 credits

Catalog Description: This course will focus on understanding and managing the various attributes associated with providing timely, cost effective and efficient distribution planning and transportation from the point of conversion to an intermediate party or end user. Included will be such items as the various modes of transportation available as well as specific carrier selection along with their associated regulations, individual economic attributes and service intervals. Financial characteristics such as rate making, fuel surcharges, contracts, discounting, freight consolidation, distribution analyses, product returns, claims and operational considerations impacting other organizations within the firm will be fully addressed. Technology, documentation preparation, organizational structure and responsibilities and

“horizontal” interdepartmental relationships will also be discussed. Prerequisite: BLM101.

BLM223 – Operations and Production Management

3 credits

Catalog Description: This course is an introduction to the strategic concepts and the quantitative and qualitative tools used in managing the recurring activities of a firm in the areas of production and operations. The objective of this course is to provide the student with critical thinking skills and insight into the issues and problems dealt with primarily in a manufacturing environment and to provide them with the appropriate analytical resources and techniques used to gain a competitive advantage. Some of the areas to be considered from a process view perspective include site location, forecasting, inventory control, capacity planning, cycle time, scheduling, quality, information resources, and supply chain management. Prerequisite: BLM101.

BLM234 – Introduction to Purchasing and Supply Chain Management

3 credits

Catalog Description: This course will focus on Purchasing and Supply Chain Management (SCM) and the contributory role that each plays in developing a successful domestic and international Supply Chain strategy for an organization. Also presented is the impact they have on the competitiveness, success and profitability of a firm and its strategic partners. Additional topics included are a brief history, collaboration, supplier evaluation and selection techniques, negotiation strategies and the increased utilization of systems integration. Strategic versus tactical functionality is covered along with worldwide business dynamics, product flow, transportation, inventory control, warehousing, analytical tools, and finally future trends. Prerequisites: BLM101.

BLM245 – Introduction to Inventory and Warehouse Management

3 credits

Catalog Description: This course focuses on one of the most costly aspects of Supply Chain Management, the storage and management of physical inventories, and explains the fundamental management challenges associated with each. Straight forward quantitative metrics such as order cycle time, turnover, fill rates, and carrying costs are presented. Decision making tools such as the Reorder Point Quantity and Economic Order Quantity (EOQ) are taught to help manage these functions in an efficient manner. Basic and developing technologies, material handling equipment and optimum storage utilization within the warehouse are covered. Upon completion, the student should be able to address the basic problems associated with warehousing and inventory management. Prerequisite: BLM101.

Business Administration

BUS101 – Principles of Business

3 credits

Catalog Description: Examines the scope of business as it relates to the global economic system. Topics include types of business ownership, management principles, the internal organization, human resource management, marketing, finance and risk management. Students should take this course during their first semester as a foundation for other business courses.

BUS105 – Entrepreneurship

3 credits

Catalog Description: Studies the formation, operation, and end of a business venture. Major topics include the entrepreneurial perspective, characteristics of successful entrepreneurs, starting and developing the business, financing the venture, managing the business, current competitive challenges, and the development of the business plan.

BUS106 – Business Communications

3 credits

Catalog Description: Explores the integrated communication skills necessary for today's workplace, including the purposes, strategies,

and processes of listening, speaking, reading, writing, and presenting within business contexts. Incorporates language arts skills throughout the course.

BUS107 – Principles of E-Commerce

3 credits

Catalog Description: Investigates the buying and selling of goods and services over the Internet. Focuses on business concepts and how to apply technology to design, develop, and deploy a system for e-commerce. Includes directions for building an infrastructure for an efficient and profitable venture; and creating virtual storefront websites, online shopping, and targeted e-mails and faxes that support existing and new markets; business-to-business commerce, payment systems, and security.

BUS108 – Customer Service Management

3 credits

Catalog Description: The course provides an overview of basic elements of customer service, career options, and role in any industry. It studies leaders in service and the impact of service businesses on the world economy. The course presents case studies of businesses which utilize customer service and hospitality techniques to differentiate from their competition and to develop new products and services. It covers customer service philosophies, skills and innovations. The course examines available technology used to anticipate and manage customer needs and improve revenue and customer retention.

BUS109 – Principles of Retailing

3 credits

Catalog Description: Examines types of retail stores, merchandising, operations, store location and layout, internal organization, buying, personnel management, inventory control, and sales promotion in the evolving global, high-tech retail to e-tail business environment.

BUS110 – Personal Money Management

3 credits

Catalog Description: Equips students with hands-on, lifelong skills including creating a

financial plan for personal goals, avoiding credit trouble, saving money on everyday and major purchases (auto, homes, etc.), investing in stocks, bonds and mutual funds.

BUS111 – Exploring Business Opportunities

3 credits

Catalog Description: Examines the personal characteristics of an entrepreneur. Conducts an investigation of a business opportunity and identifies required business criteria prior to start-up. Presents the basic foundations for entrepreneurial success. Useful for anyone interested in understanding the issues involved in starting his/her own business immediately or in the future. Not open to students with credit in BUS225.

BUS115 – Principles of International Business

3 credits

Catalog Description: This class provides students with an opportunity to develop knowledge and understanding of the processes, procedures and challenges that arise in conducting business across national borders. It examines the scope of business as it relates to the global economic system. Topics include: conditions that make business across borders favorable, levels of involvement as businesses decide to go global, how international business is affected by the global economy, and challenges of management and marketing in the global setting.

BUS192 – Exploring Business Opportunities

3 credits

Catalog Description: Personal characteristics of an entrepreneur, investigation and identification of a business opportunity as well as business criteria prior to start-up are presented as basic foundations for entrepreneurial success. Useful for anyone interested in starting their own business immediately or after completion of college. Prerequisites: none

BUS201 – Professional Sales

3 credits

Catalog Description: Introduces selling principles and their applications, integrating concepts from psychology, sociology, and human relations as they apply to the art of persuasion.

BUS203 – Advertising

3 credits

Catalog Description: Introduces advertising principles as part of the marketing mix. Develops skills in types of media, copy development, layout visualization, and planning and implementation of advertising campaigns including production of TV commercials.

BUS204 – Business Management Problems

3 credits

Catalog Description: Analyzes the motives and behaviors of groups and individuals. Develops analytical and decision-making skills applied to business management problems. Students develop communication skills, identify problems and opportunities, make recommendations, write strategic plans and implement TQM.

Prerequisite: BUS101.

BUS205 – Business Law 1

3 credits

Catalog Description: Studies the impact of law on the business environment. Topics include ethics, contracts, sales, torts, consumer protection, criminal law, civil and criminal procedure, litigation, and the court system.

BUS206 – Business Law 2

3 credits

Catalog Description: Studies the law of personal property and bailments; real property; landlord and tenants; wills, trusts and estates; negotiable instruments; insurance; secured transactions; bankruptcy; principal and agency; employment; sole proprietorships, partnerships and corporations; and professional liability.

Prerequisite: BUS 205.

BUS207 – Human Resource Management

3 credits

Catalog Description: Studies human resources managerial theories and practices appropriate for any Organization. Topics include planning

personnel needs, recruiting, selecting, developing, utilizing, compensating and maximizing human resources. Prerequisite: BUS101.

BUS208 – Display and Visual merchandising

3 credits

Catalog Description: Visual presentations created using mannequins, props, fixtures, merchandise and signage for promotion of consumer products.

BUS211 – Merchandise Planning and Control

3 credits

Catalog Description: Explores the complex decisions retailers face in managing large diversified assortments of merchandise for successful merchandising. Analyzes techniques in calculating markup, markdown, profits, pricing, inventory valuation, and stock turnover. Fall only. Prerequisite: BUS 109 or BUS101

BUS213 – Principles of Marketing

3 credits

Catalog Description: Focuses on the role of marketing in the global economy and the overall evaluation of the marketing process. Topics include marketing functions, policies, and practices including the marketing strategy and marketing mix (product, price, promotion and place). Addresses website and social media perspectives. Case studies and team projects enhance course concepts.

BUS214 – Organizational Behavior

3 credits

Catalog Description: Concentrates on the scope of management in the global environment. Examines the four main functions of management (planning, organizing, leading, and controlling) and the decision-making process through case analysis and team projects. Studies the management skills necessary to adapt to rapidly changing world competition and environments.

BUS217 – Cooperative Education

3 credits

Catalog Description: Introduces students to first-hand experiences in business operations. Students are placed in positions relative to their career and academic objectives. Prerequisite: Successful completion of 24 credits or by instructor approval. Contact instructor directly.

BUS219 – Business Topics Seminars

3 credits

Catalog Description: Explores the solutions to business case problems, utilizing creative thinking skills and data to make managerial decisions. Fall only. Prerequisite: Successful completion of 24 credit hours in business.

BUS220 – Sports Law

3 credits

Catalog Description: Presents the central issues associated with collegiate and professional sports as regulated by various professional associations and laws. Discusses eligibility, drug testing, Title IX (sports competition for women), torts, collective bargaining agreements, free agency, salary caps, agent representation, intellectual property rights, relationships between antitrust and labor laws, role of player agents, dispute resolution, and player behavior that has led to much tort litigation. Examines issue of race, violence, and athletes as role models.

BUS221 – Introduction to Project Management

3 credits

Catalog Description: Studies project management theory and skills. Defines and organizes projects by defining the scope, schedule and available resources. Learn to create work breakdown structures, identify task dependencies and prerequisites, and identify a critical path to completion of a project. Addresses risk and change management. Spring only. Prerequisite: CIS102 or higher or CSN 115 or higher or EGR 118 or BUS 101 or BUS 109.

BUS222 – Disney Field Experience

9 credits

Catalog Description: First-hand work experience at Walt Disney World (WDW) in business operations in areas related to students' career

and academic objectives. Open only to students offered a position by the Walt Disney World College Program. Must complete a 480-hour minimum work block and a GCC-preapproved Disney Business Seminar. Note: Fulfills a BUS elective degree requirement. Prerequisites: Successful completion of 24 credit hours with 12 hours in the major, overall 2.0 GPA, and a Walt Disney World College program letter of acceptance.

BUS225 – Entrepreneurship

3 credits

Catalog Description: Capstone course studies the critical process of developing a bona fide business feasibility plan. Topics include: concept development, management, legal, regulation, marketing research and penetration, pricing, and financial perspectives. Prerequisite: 12 credits in BUS***, ACC***, FBM***, OFT***, THM***, PED258 and PED277 or with instructor permission.

BUS292 – Community College Leadership

3 credits

Catalog Description: Develops community college leadership skills through seminars and hands-on experiences. Examines leadership styles and personality assessment, along with skill development in the areas of communication, decision-making, problem-solving and employee relations. Focuses on ethics, professionalism, business etiquette, and diversity in the workplace. Explores the issues of curriculum and workforce development, learning technologies and distance education, student access and retention strategies, and the role of campus centers.

BUS293 – Community College Leadership II

3 credits

Catalog Description: Continuation of Community College Leadership I. Enhances the development of community college leadership skills through seminars and hands-on experiences. Examines the function of a college foundation, external affairs, grant development, financing, accreditation, and assessment.

Focuses skill development in the areas of negotiation and persuasion, facilitating and presentation, team building, and managing conflict. Explores the role of student services in promoting student success, studies the recruitment to graduation cycle, and analyzes strategic planning for charting the future of community colleges. Prerequisite: BUS 292.

Career Educational Planning

CEP100 – Surviving and Thriving in College

1 credits

Catalog Description: Develops a greater understanding of college success strategies. Includes college policies and procedures, stress and time management techniques, and decision-making strategies. Upon completion of the course students will learn how to successfully "navigate" their college experience, set goals and objectives, and create an academic plan. Prerequisite: None.

CEP101 – Career and Educational Planning

3 credits

Catalog Description: Prepares students to develop a greater understanding of career and educational opportunities. Includes self-assessment, goal-setting, and decision-making skills as related to the career development process. Successful completion of the course enables students enrolled in the Individualized Studies degree program to complete their mandatory educational plan. Recommended for student desiring guidance to develop a customized career and educational plan. Not open to students who have successfully completed CEP102.

College Skills

CES101 – College Success

1 credits

Catalog Description: Examines methods to improve memory, read textbooks, take notes, take tests, and manage time and money. Explores the services available on campus and in the community and related College policies and practices. Develops self-assessment skills

necessary to gain insight for future potential. Not open to students who have successfully completed FYE100, CEP101, or CEP102.

CES110 – Leadership in the Community

1 credits

Catalog Description: Introduces students to leadership in the local community. Utilizes experiential learning with a strong emphasis placed on structured group activities, out-of-class observations, selected readings and class discussions to focus on particular areas of local leadership (i.e. job readiness, health and human services, government, law enforcement, tourism, and agriculture) during each session.

Chemistry

CHE100 – Introduction to Chemistry

3 credits

Catalog Description: An introduction to general, organic and biological chemistry, with an emphasis on applications that are relevant to students pursuing health science programs. Topics include measurement, atomic and molecular structure, chemical and physical bonding, gas properties, chemical reactions, acid/base chemistry, organic molecule structure and functional groups, and common groups of biological molecules (carbohydrates, lipids and proteins). Two class hours, two lab hours. Not open to students with credits in, BIO 115, BIO 116, CHE 101 or PHY 131. Prerequisite: Completion of the Genesee Community College math requirement or concurrent enrollment in MAT 092 or MAT108. Students planning to enroll in Physical Therapy Assistant or a Mathematics or Natural Science program should choose MAT092.

CHE101 – General Chemistry 1

4 credits

Catalog Description: Introduces the fundamental principles of chemistry including: atomic structure, periodicity, chemical bonding, molecular geometry, chemical reactions, stoichiometry, solutions, gases and thermochemistry. Recommended for students pursuing careers in science, engineering, health

and/or technology fields. A solid math/algebra background is expected. Three class hours, three lab hours. Prerequisites: CHE 100 with a grade of 'C' or higher or Regents Chemistry with a Regents exam score 75 or higher or MAT 102 or higher. The math requirements may be taken concurrently with CHE 101. (Note: MAT 108 MAT 129, MAT 116 and MAT 117 are not accepted as math prerequisites.)

CHE102 – General Chemistry 2

4 credits

Catalog Description: A continuation of General Chemistry 1 includes properties of solids, liquids and solutions, kinetics, chemical equilibrium, acid/base chemistry, precipitation, thermodynamics, oxidation/reduction, and electrochemistry. Recommended for students pursuing careers in science, engineering, health and/or technology fields. A solid math/algebra background is expected. Spring and Summer only. Three class hours, three lab hours. Prerequisites: CHE 101 with a grade of 'C' or higher.

CHE193 – Intro to Solar Manufacturing

3 credits

Catalog Description: This course offers an introduction to the technology, manufacturing and market surrounding solar cells. There will be some focus on the manufacturing sites in the local area. This course is intended to provide students with background information about the potential local opportunities and the industry that surrounds them. Some chemistry and physics background may be helpful for the course, but is not required.

CHE201 – Organic Chemistry 1

4 credits

Catalog Description: Survey of carbon-containing compounds, including bonding, intermolecular forces, configurations, stereochemistry and reaction mechanisms. Properties and reactions for the following functional groups: alkyl halides, alkenes, alkynes, and alcohols. Fall only. Three class hours, three lab hours. Prerequisite: CHE102.

CHE202 – Organic Chemistry 2

4 credits

Catalog Description: Application of common analytical techniques (mass spec, IR and NMR spectroscopy) used in organic chemistry. Topics include properties, reactions, synthesis and mechanisms of the following functional groups: alcohols, ethers, aromatics, ketones, aldehydes, amines, and carboxylic acids. Three class hours, three lab hours. Spring only. Prerequisite: CHE 201.

Cinema

CIN147 – Popular Cinema

3 credits

Catalog Description: Examines the popular genres of feature films, including science-fiction, Westerns, spy and suspense films, musicals, horror and crime films. Explores the feature film as a reflection of contemporary society. Prerequisite: completion of the Genesee Community College reading proficiency.

CIN205 – Thriller Films

3 credits

Catalog Description: Presents an in-depth examination of one of the most popular and elusive of film genres—the suspense thriller—by tracing its history from the early film-noir offerings to the relevant cautionary thrillers of today. Analyzes the structural terrains that comprise the genre and the various theories regarding our fascination with them. Prerequisite: completion of the Genesee Community College reading proficiency.

CIN214 – Writing for Stage and Screen

3 credits

Catalog Description: Introduces basic techniques of writing for the stage and screen, with emphasis on structure/development, storytelling through dialogue, dramatic action, characterization, and continuous revision through workshop process. Prerequisite: Completion of ESL/ENG 100 or by placement.

CIN240 – Horror in Films

3 credits

Catalog Description: Traces our fascination with horror stories and explores certain formulaic horror sequences and images that have become staples of popular culture. Investigates the staying power of horror myths and legends (e.g. Dracula, Jeckyll and Hyde, and Frankenstein). Charts the transformation of real horror into artificial horror in an effort to distinguish between terror and horror. Prerequisite: completion of the Genesee Community College reading proficiency.

CIN242 – Female Role in Film

3 credits

Catalog Description: Examines how American films from 1920 to the present depict women in a variety of genres: melodrama, romance, comedy, film noir, etc. Studies how societal changes affected the way women were presented in Hollywood. Prerequisite: completion of the Genesee Community College reading proficiency.

CIN244 – Film Comedy

3 credits

Catalog Description: Examines comic films about 20th century life, politics, morality, and science. Moves from zany, screwball comedy to slapstick comedy and then to sophisticated comedy, including the works of such master comics as Mel Brooks and Woody Allen. Prerequisite: completion of the Genesee Community College reading proficiency.

CIN245 – Hitchcock Films

3 credits

Catalog Description: Presents an in-depth examination of Alfred Hitchcock's directorial style and its formation from 1922-1976. Analyzes one of Hitchcock's favorite themes; an innocent man involved through unusual circumstances, falsely accused of murder, and forced to find the real murderer himself. Prerequisite: completion of the Genesee Community College reading proficiency.

CIN246 – American Cinema

3 credits

Catalog Description: Explores Hollywood motion pictures as an art form, as an industry, and as a system of representation and communication. Examines how Hollywood films work technically, artistically, and culturally to reinforce and challenge American's national self-image. Defines elements of film language, such as shot, cinematography, film noir, mise en scene, and montage. Studies popular genres such as Westerns, comedy, and combat film. Students learn to become active and critical viewers. Prerequisite: completion of the Genesee Community College reading proficiency.

Computer Information Systems

CIS102 – Introduction to Computers

3 credits

Catalog Description: Includes the most recent developments in the computer industry, computer applications, the Internet, and the components of a computer system. Laboratory exercises stress application programs such as word processing, spreadsheet, and database. Requires use of the computer facilities to complete computer projects. Not open to students with credit in CIS 116 or higher.

CIS106 – Introduction to Second Life

3 credits

Catalog Description: An Introduction to the Second Life online environment. Students will enhance computer skills for dealing with virtual reality. Students are asked to do a variety of tasks in the Second Life environment. Students will be expected to make use of home computers or the computer facilities to complete projects. Not open to students with credit in CIS198.

CIS108 – Computer Systems and COBOL

3 credits

Catalog Description: Introduces COBOL, operating systems, and editor commands. Topics include basic input/output operations, computation, report editing, and control breaks. Requires use of the computer facilities to complete computer projects. Prerequisite: CIS125.

CIS109 – Intro to Web Development

3 credits

Catalog Description: An introduction to creating a website including HTML coding and use of dynamic web templates. Not open to students with credit in CIS113 or CIS204; not an approved course for the Web Design degree or Certificate.

CIS111 – Information Technology Communication and Training

3 credits

Catalog Description: Introduces communications skills and methods involved in communicating with and training end users in the use of information technology. Develops skills in the planning, development, documentation and delivery of end user training sessions using computer-based presentation software and other computer software. Prerequisite or corequisite: CIS120.

CIS112 – Systems Analysis and Design

3 credits

Catalog Description: Studies the evolution of system analysis specification, selection, and implementation. Includes the effective use and management of data processing equipment in meeting the information needs of today's business enterprise. Spring only. Prerequisite: CIS125.

CIS113 – Web Publishing

3 credits

Catalog Description: Introduces the techniques, skills, and tools used to publish and manage a website. Develops the skills needed for publishing a simple web page and introduces HTML coding; builds on these authoring techniques and introduces other topics such as web design, web project management, and web maintenance; and acquires skills to build a maintainable web project. Prerequisite or Corequisite: CIS 102 or higher or ART 209.

CIS114 – Assembler Programming

4 credits

Catalog Description: Explores the characteristics of electronic digital computers which are necessary to write a program in Assembler

programming language. Applies Assembler programming language to solve simple business and arithmetic problems. Students should plan sufficient time to complete the necessary programming projects using the college's computing facilities. Prerequisite: CIS125.

CIS116 – Microcomputer Applications

3 credits

Catalog Description: Develops skills to solve problems using common microcomputer software. Topics include microcomputer fundamentals, word processing, electronic spreadsheets, databases, and other software. It is recommended that students complete CIS102 or possess a fundamental knowledge of personal computer operations, word processing, spreadsheet, presentation and database software before taking this course.

CIS120 – Advanced Microcomputer Applications

3 credits

Catalog Description: Advanced skill development to solve problems using common microcomputer software. Topics include desktop publishing, presentation software, advanced spreadsheet concepts, and database programming. Spring only. Prerequisite: CIS116.

CIS125 – Programming and Problem Solving

3 credits

Catalog Description: Develops computer skills for problem solving using Visual Basic programming software. Solves a variety of problems by developing a strategy, applying appropriate techniques, and testing results. Students should plan sufficient time to complete the necessary programming projects using the college's computing facilities. Prerequisite or corequisite: MAT102 or higher or by math placement exam.

CIS127 – Computing in Math, Science, and Engineering

3 credits

Catalog Description: An introduction to computer programming and problem solving, with special emphasis on problems found in mathematics,

science, and engineering. Students will use software such as Maple and Excel, and/or a programming environment such as MatLab or Python, to efficiently and effectively solve problems by developing a strategy, applying appropriate techniques, and validating results. Prerequisite: MAT140 or higher.

CIS130 – Internet Literacy

1 credits

Catalog Description: Introduces the techniques of information retrieval on the Internet as well as some of the problems plaguing it. Topics include email, newsgroups, file transfer protocol, World Wide Web, search engines, and web page creation. Prerequisite: CIS102 or equivalent.

CIS131 – Multimedia with Flash

4 credits

Catalog Description: Presents FLASH, an extremely powerful vector graphics software for creating dynamic, animated content ranging from basic linear animations to entire websites. Develops skills to create simple, yet impressive animations that can be added to web sites or published as soft-running FLASH Player files. Creates professional and eye-catching interactive content using symbols and instances, actions, sound and FLASH's testing capabilities. Pre/Corequisite: CIS 203 or ART 209.

CIS198 – Introduction to Second Life

2 credits

Catalog Description: This course is an Introduction to the Second Life online environment. Students will enhance computer skills for dealing with virtual reality. Students are asked to do a variety of tasks in the Second Life environment. Students will be expected to make use of home computers or the computer facilities to complete projects. 2 Credits

CIS203 – Web Publishing

3 credits

Catalog Description: Introduces the techniques, skills, and tools used to publish and manage a website. Develops the skills needed for publishing a simple web page and introduces HTML coding; builds on these authoring

techniques and introduces other topics such as web design, web project management, and web maintenance; and acquires skills to build a maintainable web project. Three class hours. Prerequisite: CIS 125 or ART 209.

CIS204 – Web Design and Implementation

3 credits

Catalog Description: Assuming a basic knowledge of HTML coding and web page design, this class moves into large-scale site development and an introduction to advanced web technologies. Building on the web page design concepts introduced in CIS203, this course focuses on site design issues, including scalability, maintenance, and integration of web technologies into the business or organizational context. Technologies introduced in this course include Perl, cascading style sheets, dynamic HTML, basic JavaScript, and streaming media. Each student will be required to purchase a domain name to create a website. Spring only. Prerequisite: CIS113.

CIS208 – Database

3 credits

Catalog Description: A presentation of the fundamental concepts used in data modeling and database implementation. The data modeling process, basic relational concepts, and the process of normalization, relational algebra, SQL, and guidelines for mapping a data model into a relational database will be covered. Students will model a multimedia and/or text-only problem and implement it on a single machine with a commercially available database package. Prerequisite: CIS 112, or CIS113, or CIS 125, or CIS 215, or CIS 219.

CIS213 – Software Integration

4 credits

Catalog Description: Capstone experience designed to develop and implement an information center, which is a specialized facility that makes available software tools. Integrates computer programming and system development concepts, principles and practices through a comprehensive project. Analyzes, designs, tests,

and documents realistic methods using a team approach. Introduces project scheduling and control techniques, formal presentations, and group dynamics into the solution of information systems problems. Prepares students for optional, industry-developed certification examinations. Prerequisite: CIS112, CIS208, and one programming course.

CIS214 – End User Support

3 credits

Catalog Description: Introduces the concepts, methodologies, and technologies involved in providing end users support in an information technology environment. Integrates theory with practice in a collegial environment, drawing on a combination of text-based readings, a review of the current literature, and a discussion of students' own experiences in providing end user support. Prerequisite or corequisite: CIS120. Prerequisite: CSN120 and CIS111.

CIS215 – Web Scripting

4 credits

Catalog Description: Introduces scripting languages, using them to accomplish a variety of tasks with an emphasis on dynamic web page generation. Students will work with both server-side and client-side languages, and should plan sufficient time to complete the necessary programming projects using the college's computing facilities. Spring only. Prerequisite: CIS125.

CIS219 – Computer Programming1

4 credits

Catalog Description: Introduces computer concepts and programming in a modern, high-level language. Demonstrates computing system concepts, problem solving, and systematic program development in problems from a variety of application areas. Topics include problem analysis, algorithm design, top-down development, program testing and documentation, data types, input/output, sequence, selection, loops, data manipulation, functions, arrays, records, sets, strings, files, recursion, and an introduction to sorting,

searching and other basic algorithms. Students should plan sufficient time to complete the necessary programming projects using the college's computing facilities. Prerequisite: CIS125.

CIS221 – Computer Programming2

4 credits

Catalog Description: A continuation of CIS219. Demonstrates advanced computing system concepts, problem solving and systematic program development in problems from a variety of application areas. Topics include program development, program testing and documentation, functions, files, advanced data structures, pointers, stacks, queues, linked lists, recursion, trees, sorting, searching, and object-oriented concepts. Students should plan sufficient time to complete the necessary programming projects using the college's computing facilities. Spring only. Prerequisite: CIS219.

CIS223 – Multimedia With Flash

4 credits

Catalog Description: Presents FLASH, an extremely powerful vector graphics software for creating dynamic, animated content ranging from basic linear animations to entire websites. Develops skills to create simple, yet impressive animations that can be added to web sites or published as soft-running FLASH Player files. Creates professional and eye-catching interactive content using symbols and instances, actions, sound and FLASH's testing capabilities. Prerequisite or Corequisite: CIS 113 or ART 209.

Cooperative Education

COE212 – Coop or Internship Experience

1 credits

Catalog Description: Provides students with an opportunity to earn credit for a work experience (paid or unpaid) which is related to their career and academic objectives. A minimum of 40 hrs is required. Prerequisite: Successful completion of 12 credits or instructor approval

COE213 – Coop or Internship Experience

2 credits

Catalog Description: Provides students with an opportunity to earn credit for a work experience (paid or unpaid) which is related to their career and academic objectives. A minimum of 80 hrs is required. Prerequisite: Successful completion of 12 credits or instructor approval

COE214 – Coop or Internship Experience

3 credits

Catalog Description: Provides students with an opportunity to earn credit for a work experience (paid or unpaid) which is related to their career and academic objectives. A minimum of 120 hrs is required. Prerequisite: Successful completion of 12 credits or instructor approval

Communications and Media Arts

COM101 – Introduction to Mass Media

3 credits

Catalog Description: Introduces basic mass media concepts affecting radio, television, newspapers, the computer, and film. Explores the effectiveness of media messages in their social and cultural contexts. Examines the history of the media and creation of mass media theories.

COM102 – Radio Station

3 credits

Catalog Description: Explains radio station operations. Introduces principles, theories and radio broadcasting procedures. Examines FCC rules and regulations. Provides instruction and training for becoming a successful radio personality by honing program development, news, copy, scriptwriting and announcing skills. Two class hours, two lab hours.

COM107 – Visual Communication

3 credits

Catalog Description: Surveys the development of visual design in the mass media and its impact on American society. Explores general concepts of visual communication including psychology of design and contemporary theories of electronic media.

COM110 – Introduction to Broadcasting

3 credits

Catalog Description: Introduces broadcasting concepts used in radio, television, computer, and satellite applications. Develops management decision practices utilizing communication theories.

COM111 – TV and Video Production

3 credits

Catalog Description: Introduces production techniques including the use of television and video equipment, staging, lighting, television graphics, and the function of studio personnel. Two class hours, two lab hours. Fall only.

COM120 – New Communication Technologies

3 credits

Catalog Description: Provides an historical and theoretical perspective on new communication and information technologies. Examines the interconnection between technology, culture, economics, and politics through a projects-based approach.

COM123 – Broadcasting Practicum

1 credits

Catalog Description: Provides one college credit for working on the college radio station or participating in an internship program at a commercial radio station in Batavia, Rochester or Buffalo. Students may enroll four times for a maximum of four semesters hours of credit. Activity hours to be arranged. Prerequisite: COM102, COM102 or concurrent enrollment in COM102. Credit in this course will not satisfy the Fine Arts requirement in any degree program.

COM124 – Broadcasting Practicum

1 credits

Catalog Description: Provides one college credit for working on the college radio station or participating in an internship program at a commercial radio station in Batavia, Rochester or Buffalo. Students may enroll four times for a maximum of four semesters hours of credit. Activity hours to be arranged. Prerequisite: COM102, COM102 or concurrent enrollment in

COM102. Credit in this course will not satisfy the Fine Arts requirement in any degree program.

COM125 – Broadcasting Practicum

1 credits

Catalog Description: Provides one college credit for working on the college radio station or participating in an internship program at a commercial radio station in Batavia, Rochester or Buffalo. Students may enroll four times for a maximum of four semesters hours of credit.

Activity hours to be arranged. Prerequisite: COM102, COM102 or concurrent enrollment in COM102. Credit in this course will not satisfy the Fine Arts requirement in any degree program.

COM126 – Broadcasting Practicum

1 credits

Catalog Description: Provides one college credit for working on the college radio station or participating in an internship program at a commercial radio station in Batavia, Rochester or Buffalo. Students may enroll four times for a maximum of four semesters hours of credit.

Activity hours to be arranged. Prerequisite: COM102, COM102 or concurrent enrollment in COM102. Credit in this course will not satisfy the Fine Arts requirement in any degree program.

COM131 – Multimedia with Flash

4 credits

Catalog Description: Presents Flash - an extremely powerful vector graphics software for creating dynamic, animated content ranging from basic linear animations to entire websites.

Develops skills to create simple, yet impressive animations that can be added to web sites or published as soft-running Flash Player files.

Creates professional and eye-catching interactive content using symbols and instances, actions, sound and Flash's testing capabilities.

Pre/Corequisite: CIS 203 or ART 209.

COM211 – Advanced Video Production

3 credits

Catalog Description: Develops video production techniques using the college's media facility and equipment, operating video production and post-production equipment to create effective visual

communication. Two class hours, two lab hours. Spring only. Prerequisite: COM111.

COM214 – Writing for Stage and Screen

3 credits

Catalog Description: Introduces basic techniques of writing for the stage and screen, with emphasis on structure/development, storytelling through dialogue, dramatic action, characterization, and continuous revision through workshop process. Prerequisite: Completion of ESL/ENG 100 or by placement.

COM221 – Media Production Practicum

1 credits

Catalog Description: Internship at media facility or college cable television station in student's field of interest. Facility must be approved by program faculty. Prerequisite: COM211 or ART210.

COM222 – Media Production Practicum

2 credits

Catalog Description: Internship at media facility or college cable television station in student's field of interest. Facility must be approved by program faculty. Prerequisite: COM211 or ART210.

COM223 – Multimedia With Flash

4 credits

Catalog Description: Presents FLASH, an extremely powerful vector graphics software for creating dynamic, animated content ranging from basic linear animations to entire websites.

Develops skills to create simple, yet impressive animations that can be added to web sites or published as soft-running FLASH Player files.

Creates professional and eye-catching interactive content using symbols and instances, actions, sound and FLASH's testing capabilities.

Prerequisite or corequisite: CIS 113 or ART 209.

Creative Problem Solving

CPS101 – Introduction to Creative Problem Solving

3 credits

Catalog Description: Develops individual creative potential. Focuses on the interactive elements in

deliberate creativity and innovation: the creative person, the creative process, the creative product, and the creative environment. Emphasizes application in personal and professional settings.

Criminal Justice

CRJ101 – Introduction to Criminal Justice

3 credits

Catalog Description: Presents overview of the administration of criminal justice in the United States and the problems of crime prevention and control in American society. Prepares students for further study in criminal justice, for careers in criminal justice agencies, and for knowledgeable citizenship.

CRJ110 – Criminal Law

3 credits

Catalog Description: Introduces students to the criminal law and the New York Penal Code. Examines the historical development of laws in the United States. Discusses the parties of crime, the elements of crime, inchoate crimes and the various categories of crime, including crimes against persons, property offenses and crimes that harm society. Analyzes the criminal defenses used in the Criminal Justice system. Prerequisite: CRJ 101 or PLG114.

CRJ111 – Criminal Procedure Law

3 credits

Catalog Description: Familiarizes students with the basic principles of criminal procedure law. Examines the total criminal process from accusation through final appeal. Identifies the court structure and its participants. Studies constitutional and New York procedural law, including warrants, searches, stops, interrogations, arrests, and suspect identifications. Prerequisite: CRJ 101 or PLG114.

CRJ112 – Police

3 credits

Catalog Description: Studies factors which influence and shape the delivery of police services in American communities. Analyzes

contemporary issues including styles of policing, police role, expectations and conflict, career concepts and professionalism, community participation and accountability. Teaches students how to evaluate their impact on police services in a given community. Prerequisite: CRJ101.

CRJ113 – Introduction to Corrections

3 credits

Catalog Description: Examines current American correctional institutions and community-based corrections in terms of development, objectives, standards, and philosophy. Includes jails, prisons, detention facilities, and correctional camps. Examines community approaches to corrections, including probation, parole, halfway houses, work release, prerelease centers, pretrial intervention programs and other alternatives to incarceration programs.

CRJ118 – Forensic Anthropology

3 credits

Catalog Description: Examines human skeletal remains in the context of medicolegal issues. Analyzes the scientific evidence of skeletal or badly decomposed remains in order to establish circumstances of death and identification of the decedent by estimating age, gender, racial affinity, stature, pathologic conditions, and traumatic injury. Introduces human osteology, and presents methods and techniques used in forensic anthropology. Discusses case reports, contexts in which remains are found, and methods of recovery. Spring only.

CRJ119 – Homeland Security

3 credits

Catalog Description: Presents a comprehensive overview of homeland security from an all-hazards perspective. Examines threats to homeland security stemming from natural and technological disasters, domestic and international terrorism, and weapons of mass destruction. Reviews the roles and responsibilities of governmental agencies, not-for-profit and private agencies, and individual

citizens concerning homeland security operations. Fall only.

CRJ120 – Introduction to Security

3 credits

Catalog Description: Presents a broad foundation for the range of protective services. Studies the historical aspects of security, and techniques of prevention, protection, enforcement, detection, safety and emergency services. Explores the role of security and safety and their relationship to the Criminal Justice System. Examines symptoms, causes and possible solutions to security problems and issues. Eligibility for NYS Pre-Assignment Certification as a security guard. Spring only.

CRJ121 – Police Firearms

3 credits

Catalog Description: Presents the use and nomenclature for service weapons police officers are authorized to carry in the performance of their duties. Emphasizes standard safety precautions and use of force regulations, loading and unloading, position, sight alignment, proper grip, trigger control and effective range of the respective weapons before firing. Includes firing range practice and qualification. Participants must successfully complete the minimum qualifying course of fire as adopted by the New York State Municipal Police Training Council (MPTC). Prerequisite: This course is available only to persons enrolled in the Basic Course for Police Officers in the Genesee Community College Rural Police Training Institute. Course instructors must be certified by the New York State Municipal Police Training Council pursuant to 9 NYCPP Part 6024.

CRJ122 – Introduction to Emergency Management

3 credits

Catalog Description: Examines the need for and principles of emergency management in formulating and implementing effective response to all hazards including natural and man-made disasters. Reviews contingency planning, hazard and risk assessment, joint operations, law and

ethics, emergency response and recovery.

Explores event mitigation, emergency rescue and medical operations and incident command. Studies terrorism and national security issues, law enforcement, relief administration, volunteer and citizen coordination, public relations and applications to specific types of incidents. Spring only.

CRJ125 – Introduction to Forensics

3 credits

Catalog Description: Familiarizes students with the basic principles of crime scene investigation and the scientific concepts and techniques used in a forensic laboratory thorough participation in crime scene analysis, evidence collection and evidence preservation. Provides practice in forensic crime laboratory procedures involving various branches of forensics, including fingerprinting, toxicology, serology and impression evidence. Fall only. Two class hours, two lab hours.

CRJ199 – Forensic Anthropology

3 credits

Catalog Description: Examines human skeletal remains in the context of medicolegal issues. Analyzes the scientific evidence of skeletal or badly decomposed remains in order to establish circumstances of death and identification of the decedent by estimating age, gender, racial affinity, stature, pathologic conditions, and traumatic injury. Introduces human osteology, and presents methods and techniques used in forensic anthropology. Discusses case reports, contexts in which remains are found, and methods of recovery.

CRJ205 – Administration in Criminal Justice

3 credits

Catalog Description: Presents general administrative concepts of criminal justice agency operations. Examines organizational principles and the individual, allocation and management of human resources, organizational effectiveness, change and evaluation. Prerequisite: CRJ101. Spring only.

CRJ206 – Criminal Investigations: Law and Process

3 credits

Catalog Description: Studies criminal investigative principles and techniques based upon rules of evidence and related appellate court decisions. Presents investigative methods, skills and procedures used in conducting major crime scene investigations. Examines the identification, collection and preservation of evidence, and case preparation for prosecution. Prerequisites: CRJ101 and CRJ110.

CRJ209 – Juvenile Justice

3 credits

Catalog Description: Introduces the interactions of various agencies (e.g. the police, courts, corrections, and other youth agencies and programs) within the juvenile justice system. Topics include the role of police, courts, corrections and community programs in delinquency prevention, control and treatment. Focuses on juvenile violent behavior and constitutional rights. Spring only. Prerequisite: CRJ101 or HUS101 or SOC101.

CRJ222 – Field Studies in Criminal Justice

3 credits

Catalog Description: Presents independent and group studies of selected criminal justice agencies. Students are assigned to an agency based on career objectives to evaluate and reflect upon the theoretical and actual operational functions of the agency. Eight off campus hours and one and one-half on campus class hours. Prerequisite: CRJ101 and permission of instructor.

Computer Sys & Network Technology

CSN115 – Introduction to Operating Systems

3 credits

Catalog Description: Examines several operating systems with emphasis on a modern UNIX-based distribution. Topics include memory and process management, I/O systems, storage, multi-processing, networking, and system commands. Requires hands-on projects in system administration tasks such as managing

file systems, creating and configuring user accounts and groups, managing file/directory permissions, creating shell scripts, and setting up services. Prerequisite: Some PC experience is recommended.

CSN120 – Network Fundamentals

4 credits

Catalog Description: Explores computer networks using the OSI and TCP models, network protocols, IP, Ethernet and application services. Uses a combination of lectures and laboratory experiences to analyze protocols, network operations, cabling, routers and switches. Prerequisite: Completion of the Genesee Community College math proficiency.

CSN150 – Computer Repair

4 credits

Catalog Description: Introduces the microcomputer and its operating system components. Includes hardware installation, repair, systematic troubleshooting, bus structures, operating system installation, and navigation tools. Lab work includes PC assembly and repair projects. Three class hours, three lab hours.

CSN190 – Operating Systems 2: Advanced Linux

3 credits

Catalog Description: This course is a follow up to the Introduction to Operating Systems course, and provides students with an in-depth examination of a modern Linux-based operating system. Topics include the boot process, file system administration, package management, system administration tools, kernel configuration, networking services, the X window system, shell scripting, troubleshooting, and security. Students will be required to complete several hands-on projects during the course of the semester. Prerequisite: CSN115

CSN201 – Network Client Operating Systems

3 credits

Catalog Description: Explores concepts and requirements of network client operating systems with an emphasis on the current Microsoft

Windows family of operating systems. Introduces the various tools for installing, administering, configuring and supporting Windows. Prepares students to take the current Microsoft Windows certification examination. Two class hours, two lab hours. Prerequisite or corequisite: CSN120 or permission of instructor.

CSN202 – Network Operating Systems

3 credits

Catalog Description: Explores concepts and requirements of network operating systems with an emphasis on the current Microsoft Windows family of server operating systems and the problems and techniques involved with successfully implementing a computer network in a corporate environment. Introduces the various tools for installing, administering, configuring and supporting Windows Server Operating Systems. Prepares students to take the corresponding Microsoft certification examination. Two class hours, two lab hours. Prerequisite: CSN201.

CSN205 – Network Routing Protocols and Concepts

3 credits

Catalog Description: Introduces WAN architecture, network routing protocols, advanced IP addressing and interconnecting networks. Lectures followed by laboratory experiences in configuration, implementation, and troubleshooting of routers. Spring only. Two class hours, two lab hours. Prerequisite: CSN120.

CSN206 – LAN Switching and Wireless Networking

3 credits

Catalog Description: Introduces technologies and protocols needed to design and implement converged switched and wireless networks. Topics include Ethernet switching, VLAN, switch trunking, interVLAN routing, VTP, RSTP, wireless networking and wireless security. Students complete procedural labs on configuration, implementation, and troubleshooting of enterprise level network

switches and wireless LANs. Fall only. Two class hours, two lab hours. Prerequisite: CSN120

CSN207 – Wide Area Networking

3 credits

Catalog Description: Presents WAN technologies and network services required by converged applications in enterprise networks. Lectures and labs cover protocols, WAN security, Voice Over IP, principles of traffic, access control, and addressing services. Skills include configuration, implementation, detection, troubleshooting and corrective actions. Spring only. Two class hours, two lab hours. Prerequisite: CSN205 and CSN206

CSN208 – Overview:Comp/Network Security

4 credits

Catalog Description: Provides a solid foundation of the core concepts and terminology used in the field. Includes topics such as authentication, identifying and describing risks, and intrusion detection. Fall only. Prerequisite: CSN 120.

CSN217 – Cooperative Education

3 credits

Catalog Description: Participation in a cooperative business/organization for the purpose of gaining experience in business operations, management, and networking computing which are related to career and academic objectives. Prerequisite: Successful completion of CSN 202 or 12 credit hours of CSN and/or CIS courses.

CSN220 – Inter/Intra Networking

4 credits

Catalog Description: Introduces LAN/WAN architecture, network routing protocols, IP addressing and interconnecting networks. Also introduces technologies and protocols needed to design and implement converged switched networks. Topics include Ethernet switching, VLAN, switch trunking and interVLAN routing. Three lecture hours, two lab hours. Prerequisite: CSN120.

CSN290 – Overview: Computer/Network Security

4 credits

Catalog Description: An overview of computer and network security that provides a solid foundation of the core concepts and terminology. Authentication, identifying and describing risks, and intrusion detection will be some of the topics covered. Prerequisite: CSN 201 or CSN 205 or permission of the instructor.

Dance

DAN127 – Intro to Movement and Dance

3 credits

Catalog Description: Develops awareness of individual movement characteristics through the experiential learning of movement skills on the introductory level. Surveys elementary modern dance techniques, elements of rhythm and spatial awareness, and simple composition and improvisational dance studies.

DAN135 – Hip-Hop Dance

3 credits

Catalog Description: Develops awareness of movement in different levels and space. Focuses on rhythm, syncopation and stage presence. Derived from a combination of jazz funk and street jazz, this style of dance requires high energy, attention to detail and an understanding of complex rhythms. Students will develop an appreciation and understanding of the art of hip-hop dance through physical exercise, floor work, partnering, and floor movement to better understand the technique of hip-hop. Using movement improvisation and choreographed work, and researching its origins, students will understand the history, use of, and terms of hip-hop dance.

DAN178 – Tap Dance I

3 credits

Catalog Description: Introduces tap dance as an art form through exploration of tap technique, history and aesthetics. Includes studio classes in basic tap technique as well as observation of tap dance on video and live in concert (when

possible) and discussion of reading assignments and research.

DAN179 – Jazz Dance 1

3 credits

Catalog Description: Introduces jazz dance as an art form through exploration of traditional jazz technique, history and aesthetics. Includes studio classes in traditional jazz as well as observation of jazz dance on video and live in concert (when possible) and discussion of reading assignments and research.

DAN227 – Movement & Dance II

3 credits

Catalog Description: Explores traditional modern dance with an emphasis on technique and performance. Includes studio classes in modern dance technique beyond the introductory level focusing on phrasing, musicality, and performance techniques. The class will view modern dance live (when possible) and on video and will discuss text assignments and history research. Course will culminate in the presentation of a lecture/demonstration. Prerequisite: DAN127/PED 127 or instructor permission.

DAN278 – Tap Dance II

3 credits

Catalog Description: Continues development of technical and performance skills. Includes studio classes in intermediate tap technique as well as observation of tap dance on video, discussion of reading assignments, and presentation of research. Prerequisite: PED 178/DAN 178 or instructor permission.

DAN279 – Jazz Dance II

3 credits

Catalog Description: Continues development of jazz technique. Includes studio classes in traditional jazz technique at the intermediate level as well as observation of jazz dance on video and in concert (when possible) and discussion of reading assignments and research. Prerequisite: PED 179/DAN 179 or instructor permission.

DAN293 – Introduction to West African Dance

3 credits

Catalog Description: Provides an exploration of West African dance techniques and performing arts focusing on the dances of Liberia, Ghana, Senegal, and Guinea. Emphasizes alignment, develops the ability to self-correct and replicate sophisticated movement sequences, develops comprehension of polyrhythms in music and movement, and prepares students to perform West African dance for social settings, as well as the stage. Explores the contextualization of performing arts within the African Diaspora. Introduces basic elements and fundamentals of musical rhythms produced by significant percussion instruments.

DAN296 – Dance for Musical Theatre

3 credits

Catalog Description: Introduces student to contemporary/popular musical theatre movement techniques and choreographers. Surveys history and aesthetics of the time period selected through studio work, video, film, text and discussion. Includes rehearsal and performance of a final dance project.

Economics

ECO101 – Microeconomics

3 credits

Catalog Description: Introduces microeconomic theory, with emphasis upon the concepts of consumer and business firm behavior, demand and supply, value, production, distribution, general equilibrium and welfare. Focuses on problems of resource allocation, income distribution, labor unions and industrial organizations, and government regulation. It is recommended that the college's reading and math requirements have been met.

ECO105 – Macroeconomics

3 credits

Catalog Description: Introduces macroeconomic theories, with emphasis upon the concepts of aggregate market structures and market pricing, national income accounting, consumption, investment, money and banking, and income

determination. Examines the problems of employment, price stability and growth. It is recommended that the college's reading and math requirements have been met.

ECO290 – Strategic Decision Making: An Introduction to Game Theory

3 credits

Catalog Description: Introduces game theory and strategic thinking. Examines dominance, backward induction, Nash equilibrium, evolutionary stability, commitment, credibility, asymmetric information, adverse selection, and signaling and applies these concepts to games played in class and to examples drawn from economics, politics, the movies, and elsewhere. It is recommended that the college's reading and math requirements have been met.

Education

EDF100 – Introduction to Education

3 credits

Catalog Description: Provides knowledge, understanding, and skill related to the interactions taking place in the classroom and within the school system from the perspective of the paraprofessional. Focuses on managing records and materials, attending to the needs of students, assisting in the development of instructional materials and experiences, assisting in instructional work, and current issues related to the operation of schools. Students complete a guided field observation under the supervision of a certified teacher.

EDF105 – Supporting Students in Reading and Writing

3 credits

Catalog Description: Focuses on what children should know and be able to do in beginning reading and provides research-based strategies, activities, and assessments to support the paraprofessional in improving students' reading and writing abilities with a particular emphasis on strategies for one-on-one and small group instruction. Includes phonological and phonemic awareness, alphabet recognition and phonics, decoding, vocabulary, fluency, comprehension,

and writing. Designed for teaching assistants seeking New York State certification, paraprofessionals with instructional duties in schools, and those interested in pursuing a degree in teaching. Prerequisite: ENG101

EDF201 – Educational Foundations 1

3 credits

Catalog Description: Provides knowledge, understanding, and skill from the study of the key foundational elements of the American educational system: historical development, philosophical assumptions, learning theory, school governance, and societal/cultural implications. Analyzes the interrelatedness of these elements and the influences each has on education. Prerequisites: Sophomore status or permission of the instructor. Completion of ENG 101 and a G.P.A. of 2.0 or higher.

EDF202 – Educational Foundations 2

3 credits

Catalog Description: Examines and analyzes key elements of and issues that affect the interaction taking place between teacher and student within the public school classroom. Focuses on goals and objectives, instructional strategies, classroom management, and evaluation of student progress. Students gain first-hand practical experience related to the learning interactions within the context of a guided classroom field observation blended with classroom content and content gained in Educational Foundations I. Prerequisites: EDF 201 or permission of the instructor and a G.P.A. of 2.5 or higher.

EDF211 – Instructional Design

3 credits

Catalog Description: In-depth analysis and use of a curriculum design model to achieve learning outcomes by systematically planning, developing, revising, and evaluating instruction. Emphasizes instructional strategies and media/technology selection for both distance learning and classroom formats. Includes the production or revision of a course or unit of

study. Prerequisite: EDF201 or instructor permission.

EDF212 – Cooperative Education

1 credits

Catalog Description: Integrates key factors influencing learning in contemporary society with an individually assigned guided field observation within a classroom, resource room, technology room, or computer lab. Assisted by an advisor, students document workplace experiences and degree program goals and learning objectives in a professional portfolio. Prerequisite: Last semester of program and permission of instructor.

EDF221 – Instructional Design 2

3 credits

Catalog Description: Examines technology options that may be used delivering coursework to students. Explores the use of a course management system, a substantive portion of the course. Reviews additional technology options, including but not limited to: social networking, audio and video. Includes production or revision of a course. Prerequisite: EDF 211 or permission of instructor.

EDF250 – Introduction to Developmental Disabilities

3 credits

Catalog Description: Overview of disabilities encountered when working with infants, children and adults with development disabilities through their lifespan. Focuses on individuals with intellectual, behavioral, sensory, physical or learning difficulties. Emphasizes physiological basis, resulting behavior, treatment typically applied, historical events and future trends. Includes a mandatory field observation. Equivalent to HUS250.

Engineering Science

EGR100 – Introduction to Engineering

3 credits

Catalog Description: Introduces engineering disciplines and aspects of professionalism, as well as, the fundamental principles used in

engineering analysis and design. Students will gain experience and skills in the application of these principles to projects and case studies. Legal aspects of the engineering profession will be reviewed and discussed. Prerequisite or Co-requisite: MAT 140 or higher

EGR101 – Engineering Drawing 1

3 credits

Catalog Description: Uses traditional drafting methods to develop manual drafting skills for drawings and engineering-related problems. Compares CAD and manual techniques. Areas of study include use of drafting equipment, technical sketching, geometric constructions, setting up drawings, reproducing blueprints, and applying multiview projection theory in the drawing process, complying with ANSI standards. Uses spatial relationships of lines and planes in the sectional and auxiliary view techniques in drawing experiences. Requires completion of formal detailed drawings demonstrating manual drawing skills. Concurrent registration in EGR118 is highly recommended. Fall only.

EGR102 – Engineering Drawing 2

3 credits

Catalog Description: Solves drafting problems using advanced drawing techniques. Compares CAD methods and manual drafting techniques. Areas of study include projection of surfaces, secondary auxiliary views, basic tolerancing, determining classes of fits, sheet metal drafting, geometric tolerancing, threads and fasteners, and metric practices. Requires completion of formal detailed drawings demonstrating manual drawing skills and advanced problem solving and visualization skills, following ANSI standards. Spring only. Prerequisite: EGR101.

EGR103 – Architectural Drawing

3 credits

Catalog Description: Utilizes basic architectural drawing techniques and methods in developing a typical set of plans for a small residential home. Areas of study include drawing techniques, plan view development, elevation drawings, details,

electrical plans, dimensioning practices, plot plans, and geometry in architecture. Two class hours, two lab hours. Spring only. Prerequisite: EGR 118.

EGR105 – Engineering Design Graphics 1

3 credits

Catalog Description: Introduces the design process used in the engineering fields, crucial for drafters as support in engineering drafting. Uses CAD methods and sketching techniques to solve 3-D space problems. Solves problems with spatial relationships for determining true lengths, angles, surfaces, volumes and other information applying descriptive geometry methods. Students complete detailed drawings, determine volume and weight of a machined part, and present a design proposal. Two class hours, two lab hours. Fall only. Prerequisite: EGR102 and EGR119.

EGR106 – Engineering Design Graphics 2

3 credits

Catalog Description: A continuation of advanced design graphics using CAD techniques for solving descriptive geometry problems related to engineering areas. Students complete a jig and fixture design and make elevations, cut and fill calculations, underground piping, roadways and dam designs from a topographical maps. Two class hours, two lab hours. Spring only. Prerequisite: EGR105 and EGR119.

EGR108 – Manufacturing Processes

3 credits

Catalog Description: Explores the structure of the manufacturing industry and the methods, processes and materials associated with them. Topics include structure of industry, general manufacturing processes, primary metals industry, casting, forging, machining, metal fastenings, integrated circuit manufacturing, plastic, glass and ceramic processing. Fall only.

EGR117 – Interpreting Engineer Drawings

3 credits

Catalog Description: Focuses on the different methods of drawing, size and shape descriptions, industrial terms, symbol

identification, abbreviations and visualization skills necessary to correctly interpret production drawings. Uses industrial standards ANSI, ISO, and DOD as guidelines.

EGR118 – Computer Assisted Drafting 1

3 credits

Catalog Description: Creates 2-D engineering drawings using basic CAD concepts and industrial level software. Focuses on the principles and practices common to all CAD systems used in drafting. Develops skills with operating systems, computer terminology, and functions of hardware and peripheral components within a workstation environment and using proper drafting standards. Requires drawings using different techniques, drawing constructions and dimensioning. Two class hours, two lab hours. Fall only.

EGR119 – Computer Assisted Drafting 2

3 credits

Catalog Description: Uses an industrial/engineering level CAD software to generate 2-D drawings. Performs advanced techniques of the software on different drawings. Focuses on CAD software capabilities and graphic problem solving techniques. Requires drawings using various input devices and produce hard copy drawings. Two class hours, two lab hours. Spring only. Prerequisite: EGR118.

EGR198 – Electrical/Electronic Drafting

3 credits

Catalog Description: Electronic drawings stressing modern representation used for block diagrams, schematic diagrams, logic diagrams, wiring/assembly drawings, printed circuit board layouts, motor control diagrams, power distribution diagrams, and electrical one-line diagrams. Exposure to CAD standards, MS Excel database and block attribute data would also be presented. Two class hours, two lab hours. Prerequisite: EGR 118

EGR215 – Commercial Building Design with REVIT

3 credits

Catalog Description: Utilizes REVIT software in conjunction with commercial architectural drawing techniques and methods in developing a set of plans for a two story office building. Areas of study include plan view development, elevation drawings, details, mechanical plans, building energy usage, interior design and photo realistic rendering in 3D geometry. Prerequisite: EGR 103.

EGR220 – 3-D Solids and Modeling

3 credits

Catalog Description: Introduces 3-D software to produce 3-D solids and render them as models. Performs operations for creating 3-D objects including extruding, combining, solidifying, wireframes, meshing, and determining mass properties of engineering drawings. Requires realistic rendering of objects in solid forms. Two class hours, two lab hours. Fall only. Prerequisite: EGR119.

EGR221 – CAD Operating System

3 credits

Catalog Description: Uses advanced CAD techniques and skills to develop a portfolio demonstrating software capabilities not developed in EGR220. Demonstrates advanced 3-D capabilities. Two class hours, two laboratory hours. Prerequisite: EGR220.

EGR222 – Kinematics

3 credits

Catalog Description: Studies the motion of mechanisms without regard to failure caused by wear or breakage of component parts, necessary for understanding machine design technology. Analyzes velocity, power, and acceleration as applied to linkages, cams, gears, and gear drives. Two class hours, two lab hours. Spring only. Prerequisites: EGR 118.

EGR230 – Design Problems

3 credits

Catalog Description: Uses advanced CAD techniques and engineering skills to design drafting projects. Develops the ability to analyze problems in design drafting in a team environment, sharing and delegating

responsibility in gathering data, making sketches, drawings, calculating data and presenting findings for a successful design effort. Two class hours, two lab hours. Spring only. Prerequisites: EGR105 and EGR118.

EGR235 – Engineering Mechanics 1: Statics
3 credits

Catalog Description: Comprehensive study of basic principles of statics, including vector and scalar treatment of coplanar and noncoplanar force systems, resultants, equilibrium, friction, centroids, and moments. Studies trusses and frames and their solution by method joints, sections and members, and rigid, elastic, and flexible bodies. Fall only. Prerequisite: PHY132.

EGR236 – Engineering Mechanics 2: Dynamics
3 credits

Catalog Description: Continues the study of mechanisms as applied to moving bodies. Examines position, displacement and velocity in both rectangular and polar coordinators, and Newton's laws of motion, moments and products of inertia, plane rigid body motion along with linear and angular impulse and momentum. Includes both free and forced vibration, rotating axes and coriolis acceleration, and application of D'Alembert's principles. Spring only. Prerequisite: EGR235.

EGR245 – Electrical Circuit Analysis
4 credits

Catalog Description: A comprehensive study of the basic concepts of electrical circuits. Topics include resistive, inductive and capacitive circuits, Kirchhoff's Voltage and Current laws, analysis of operational amplifiers using mesh and nodal analysis, Sinusoidal Steady State circuit analysis, power calculations and the use of Phasors to develop current and voltage calculations. Laboratory will include the use of actual circuit elements to support theory from lecture sessions and will incorporate software to simulate system analysis. Three lecture hours, three lab hours. Prerequisite: PHY132.

EGR255 – Mechanics of Solids

3 credits

Catalog Description: Studies the mechanical behavior of solid bodies under various types of loading. Topics include stresses and strain, stress-strain relationships, plane stress and plain strain, shear and bending moments in beams, stresses in beams, deflection of beams, torsion of shafts, buckling of columns, energy methods and failure criteria. Prerequisite: EGR 235.

English

ENG091 – Grammar and Paragraph Mastery
3 credits

Catalog Description: Catalog Description: Develops student mastery of basic grammar and paragraph writing: capitalization, sentence structure, word level skills, punctuation, and paragraph development and cohesion. Placement in this course is determined by College placement and proficiency requirements. Computers may be used, but prior computer knowledge is not necessary. This class carries institutional credit but cannot be applied toward any degree or certificate program.

ENG100 – Introduction to Composition
3 credits

Catalog Description: Improves basic writing skills: grammar, mechanics, style and organization. Students who pass with a C or higher understand the basic nature of informative and persuasive writing and library research. Prerequisite: ENG 091 with a grade of 'C' or higher or by placement.

ENG101 – College Composition
3 credits

Catalog Description: Concentrates on the rhetorical principles and strategies essential for clear, effective academic writing. Emphasizes the stages of the writing process and the critical thinking skills necessary to create appropriately researched and documented college level prose. Draws readings and models for analysis from a variety of college level sources. Requires students to produce a minimum of 20 pages of writing, excluding exercises and quizzes.

Prerequisite: ENG 100 or ESL 100 with a grade of 'C' or higher or by placement.

ENG102 – Composition in the Natural and Social Sciences

3 credits

Catalog Description: Continues the study of composition strategies introduced in ENG 101 by focusing on writing within the social and natural sciences. Emphasizes critical thinking skills and rhetorical principles commonly employed in disciplines that investigate human behavior and/or the natural world. Students produce 20 to 25 pages of text. Prerequisite: ENG101.

ENG105 – Composition in the Humanities

3 credits

Catalog Description: Continues the study of composition strategies introduced in ENG 101 by focusing on writing within the humanities.

Emphasizes critical thinking skills and rhetorical principles commonly employed in writing about expressions of the human experience. Examines literature, film, visual arts, and performing arts in some combination. Students produce 20 to 25 pages of text. Prerequisite: ENG101.

ENG106 – Technical Writing

3 credits

Catalog Description: Examines the special rhetoric of technical communication. Focuses on the fusion of process and product in the organizing of usable information. Considers audience and user needs, information design, visual forms, engaging in description and definition, creating process explanations, developing proposals, organizing reports, and writing instructions. Develops critical thinking skills through analysis of conventions applied in document design. Use of computers required. Prerequisite: ENG101

ENG125 – Media Writing

3 credits

Catalog Description: Media Writing focuses on writing practice in organizing and writing for print, electronic and digital media; introduction to news, feature and advocacy writing; focus on aesthetics, ethical and legal issues; application

to journalism, broadcasting; public relations, advertising and digital media. Prerequisite: ENG101

ENG192 – Technical Writing 2

3 credits

Catalog Description: Builds on the technical communication knowledge and experience gained in ENG 106. Focuses on the research, organization and presentation of usable information in the specialized fields of students taking the class. Considers audience/user needs, information design, visual forms, process explanations, proposals, projects, reports and Web document design for computer systems and network technology, drafting, engineering. Develops critical thinking skills through analysis of conventions specific to the fields mentioned above applied in document design. Use of computers required. Prerequisite: ENG 106

ENG214 – Introduction to Creative Writing

3 credits

Catalog Description: Fosters skills in techniques of reading, writing, and analyzing contemporary literature. Students generate creative texts through workshops and engage in both peer and instructor review sessions. Portfolio exam. Online courses require computer knowledge. Prerequisite: ENG102 or ENG105 or permission of the instructor.

English Second Language

ESL090 – Elementary English I

3 credits

Catalog Description: Introduces non-native English speakers to basic language skills needed for academic purposes. Students who pass the course with a grade of C or higher have developed the ability to understand and use English in reading, writing, listening and speaking at the novice level. Requires additional laboratory practice weekly. Placement in English as a Second Language courses is determined by instructor or by placement test.

ESL091 – Elementary English 2

3 credits

Catalog Description: A continuation of ESL 090: Elementary English I. Emphasizes the ability to use and understand English in context. Students who pass with a C or higher can express themselves orally, read authentic materials, understand oral input and write compositions at the high novice level. Requires additional weekly laboratory practice. Prerequisite: by completion of ESL 090 with a grade of 'C' or better, by placement test, or by instructor.

ESL093 – Basic ESL Listening and Speaking

3 credits

Catalog Description: Develops basic competencies in pronunciation, listening, speaking, and note taking for non-native speakers of English. Prepares students for academic activities across the curriculum. In order to receive a passing grade of A, B, or C a student must achieve a final average of 70% or higher. A final grade of F will be assigned for averages below 70%. Placement by test or permission of instructor.

ESL100 – Introduction to Composition and United States Culture

3 credits

Catalog Description: A course designed for English as A Second Language learners. Students who pass with a C or higher have developed mastery in grammar appropriate to specific academic purposes and in communication skills. Introduces American culture. Additional laboratory supported practice required weekly. Not open to students with credit in ENG100. Prerequisite: Completion of ENG 091 or ESL 091 with a grade of C or higher, by TOEFL exam or by placement exam.

ESL110 – Adv ESL Listening and Speaking

3 credits

Catalog Description: Establishes competencies in listening, speaking, note-taking and pronunciation for non-native speakers of English. Prepares students for academic activities across the curriculum. In order to receive a passing grade of A, B, or C a student must achieve a final average of 70% or higher. A final grade of F

will be assigned for averages below 70%.

Prerequisite: By placement test, permission of instructor, or upon successful completion of ESL 093.

ESL193 – Advanced ESL Listening and Speaking

3 credits

Catalog Description: Establishes competencies in listening, speaking, note-taking and pronunciation for non-native speakers of English. Prepares students for academic activities across the curriculum. In order to receive a passing grade of A, B, or C a student must achieve a final average of 70% or higher. A final grade of F will be assigned for averages below 70%.

Prerequisite: By placement test or permission of instructor.

Fashion Merchandising Mgmt

FBM101 – Principles of Fashion Merchandising

3 credits

Catalog Description: Explores the development of the fashion industry including merchandising, marketing, market structure, production, technology, consumer behavior, and support services. Fall only.

FBM102 – Fashion Trends and Design

3 credits

Catalog Description: This course is an introduction to fashion design. Students will use fashion, history, design and materials in learning about the world of fashion. Fall only. Students may receive credit only once for this listing.

FBM115 – Principles of Textiles

3 credits

Catalog Description: Examines natural and man-made fibers, yarns, fabric construction, color application, finishes, performance and maintenance. Spring only.

FBM120 – Apparel Construction Fundamentals

3 credits

Catalog Description: An introduction to the tools and techniques of apparel construction. Apply

specific terminology to the process of construction. Construction techniques include: hands-on sewing machine techniques, body types and size charts, selecting patterns, fittings, step-by-step sewing instructions and assembly procedures, types of stitches, seams, darts, pleats and tucks, bias, sewing with knits, zippers, pockets, sleeves, collars, necklines, facings and interfacings, linings, waistlines, hems, and closures. Students must provide their own supplies. Fall only.

FBM122 – Apparel Design and Draping

3 credits

Catalog Description: An introduction to apparel design through draping and pinning. Utilize a sketch design in a three-dimensional dress form. Apply basic techniques of fitting a garment using darts, sleeves, waistlines, bodice, and collars. Mark the new design to a flat pattern for mass production. Students must provide their own supplies. Spring only.

FBM210 – Fashion Industry Technologies

3 credits

Catalog Description: A hands-on application of technology and software used in the Fashion Industry for production of apparel. Select the design, apply to software, and plan cost-effectiveness in the production of the garment. Course will use 2-D and 3-D software: commercial OptiTex, or Gerber AcuMark, and personal Bernina MyLabel. Students must provide their own supplies. Fall only.

FBM220 – Fashion Show Production

3 credits

Catalog Description: Application of fashion buying and merchandising techniques in actual situations. Students apply theoretical materials of their previous courses in the actual planning and presentation of a full-scale fashion show. Spring only. Prerequisites: FBM101 and FBM102 or ART102.

FBM222 – Apparel Design & Draping 2

3 credits

Catalog Description: An introduction to apparel design through draping and pinning. Students

will utilize a sketch design in a three-dimensional dress form, apply basic techniques of fitting a garment using darts, sleeves, waistlines, bodice and collars, and mark the new design to a flat pattern for mass production. Students must provide their own supplies. Spring only.

FBM225 – Fashion Illustration

3 credits

Catalog Description: An introduction to fashion illustration and portfolio development. Students learn foundation skills to design on the human form; fashion figure proportions, garment/fabric and garment details, color and basic rendering techniques, designer sketching and illustration and development of a garment collection. Students must provide their own supplies. Fall only.

Food Processing Technology

FPT101 – Introduction to Food Processing Technology

3 credits

Catalog Description: Introduces students to the basic principles of food science including chemical, physical and microbiological properties of food as well as technology used to create safe, nutritious and abundant supplies of food. Food processing and unit operations will be covered as a foundation for upper level work; field trips to food processing businesses will support classroom work.

FPT102 – Food Safety, Sanitation & Hazard Analysis

3 credits

Catalog Description: Provides information on procedures to control biological, chemical and physical hazards and assure the safety of foods. Topics include discussions on the regulatory environment that govern food safety within the United States, different hazards in foods, Good Manufacturing Practices (GMP), prerequisite programs, third party audits, Hazard Analysis Critical Control Point (HACCP) and the application of current technologies in reducing incidences of foodborne illness.

FPT201 – Unit Operations in Food & Dairy Processing

3 credits

Catalog Description: Provides an integrated introduction to the principles of food processes that are used to preserve and change the physical properties of food. Specific processes include cooling, freezing, heat processing, concentration, dehydration, fermentation, high pressure, irradiation and packaging. A strong focus will be on unit operations that exist within the dairy industry and how milk changes throughout these processes.

FPT205 – Analytical Methods & Labeling of Food

4 credits

Catalog Description: Introduces basic analytical techniques for microbiological, chemical, and sensory properties of food. Emphasis will be on common technologies employed by the food processing industry and examination of selected properties of food commodities and how processing and preparation of food affect these properties. Labeling of food will be discussed. Three lecture hours; three lab hours.

French

FRE101 – Elementary French 1

3 credits

Catalog Description: Develops French listening, speaking, reading and writing skills at the novice level. Develops cultural awareness and introduces concepts of cultural diversity and tolerance. Emphasizes ability to use and understand basic French in context. See placement guidelines on Advisement Homepage. Instructor determines final placement.

FRE102 – Elementary French 2

3 credits

Catalog Description: Strengthens French listening, speaking, reading and writing skills acquired in Elementary French I. Emphasizes the ability to use and understand French in context at the high-novice level. Prepares students to interact with members of diverse cultures. See Advisement Homepage for

Placement Guidelines. Instructor determines final placement. Prerequisite: FRE 101 or equivalent.

FRE201 – Intermediate French 1

3 credits

Catalog Description: Enhances French listening, speaking, reading and writing skills at the intermediate level. Prepares students to interact with native speakers in everyday settings. Increases depth and breadth of linguistic and cultural understanding. Instruction occurs in French with some explanation in English. See placement guidelines on Advisement Homepage. Instructor determines final placement. Prerequisite: FRE 102 or equivalent. Typically offered Fall only.

FRE202 – Intermediate French 2

3 credits

Catalog Description: Strengthens French listening, speaking, reading and writing skills acquired in Intermediate French I. Prepares students to use real-world application of language and cultural skills and knowledge in their chosen field at the high-intermediate level. See placement guidelines on Advisement Homepage. Instructor determines final placement. Prerequisite: FRE 201 or equivalent. Typically offered Spring only.

First Year Experience

FYE100 – Foundations of Academic Success

3 credits

Catalog Description: Presents techniques that help students cope successfully with the demands of college. Enlarges the student's awareness of self with respect to academic and personal goals, and assists each person to gain the necessary skills to succeed in college.

Geography

GEO101 – World Regional Geography

3 credits

Catalog Description: Introduces the physical and human geography of the world. Examines the major physical/environmental, cultural, political

and economic characteristics of each world region.

GEO105 – The Geography of Sustainability

3 credits

Catalog Description: Introduces the connections between human activities and the physical environment. Examines environmental processes, human impact on the global environment, diverse perspectives on the contested concept of sustainability, and solutions to environmental problems. Emphasizes social science models, theories and perspectives as frameworks for thinking critically and creatively about a range of sustainability issues.

Health Education

HED107 – CPR/AED for the Professional Rescuer

1 credits

Catalog Description: Presents CPR skills and AED essentials for the professional rescuer. Provides information on a total community approach to reducing deaths from cardiovascular disease and respiratory emergencies. American Red Cross certification available upon satisfactory completion of course requirements.

HED113 – Alcohol/Drug Use and Abuse

3 credits

Catalog Description: Examines the symptoms, and physical, pharmacological, psychological, and social effects of addiction as a disease and the impact on society. [Note: The New York State Office of Alcohol and Substance Abuse Services has reviewed this course and finds that it is consistent with established standards for alcoholism counselor education training toward the CASAC credential].

HED114 – Family: Impact of Alcohol and Drugs

3 credits

Catalog Description: Analyzes the effects of addiction on the family. Emphasizes family roles, characteristics of children (and adult children) of parents with addictions, codependence theories, and adaptations made by family members.

(Note: The New York State Office of Alcohol and Substance Abuse Services has reviewed this course and finds that it is consistent with established standards for alcoholism counselor education and training toward the CASAC credential.) Spring only. Prerequisite: HED 113 or HUS 113.

HED115 – Community Health and Safety

2 credits

Catalog Description: Catalog Description: Presents the four major components of the mandated New York State Education Department (NYSED) requirements. Focuses on SAVE Legislation (Safe Schools Against Violence in Education), Child Abuse Workshop (identifying and reporting suspected child abuse and maltreatment), alcohol and tobacco, and signs and symptoms of drug use. Includes safety education-identifying dangerous environments, preventing child abduction, fire and arson. Certification in SAVE Legislation and Mandated Reporter available. Two class hours.

HED203 – Personal Health

3 credits

Catalog Description: Assists students in making informed choices about personal health and wellness. Emphasizes the vital role that health plays in the successful achievement of one's academic, social, emotional and personal goals.

HED204 – Introduction to Healthful Living

3 credits

Catalog Description: Emphasizes reasons and strategies for assuming responsibility for maintaining a healthy lifestyle. Focuses on lifestyle factors and their relationships to well-being, behaviors, and disease. Includes health and wellness, stress, drug, alcohol and tobacco use and abuse, nutrition and weight control, cardiovascular health, physical fitness, healthy relationships, sexuality, birth control, sexually transmitted diseases, safety education (identifying dangerous environments, preventing child abduction, fire and arson), communication skills for productive relationships (i.e., conflict resolution), identifying and reporting suspected

child abuse and maltreatment, and Safe Schools Against Violence in Education Legislation Certification.

HED205 – Responding to Emergencies

3 credits

Catalog Description: Presents emergency techniques used to maintain health, alleviate suffering and sustain human life under conditions during which professional care and/or normal health services are unavailable. Studies safety and prevention as they relate to home, school, industry, and the highway. Provides Red Cross certification in Responding to Emergencies and CPR/AED for the Professional Rescuer upon successful completion of requirements and payment of Red Cross fees.

HED209 – Health Sciences Related to Coaching

3 credits

Catalog Description: Introduces a series of interactive exercises and activities designed to study Health Sciences as they apply to coaching interscholastic sports in New York State. Presents the definitions of selected principles of biology, anatomy, physiology, kinesiology related to coaching, risk minimization, mixed competition, legal implications for coaches, and the NYSED Selection Classification program. Specific information will be given regarding current health issues facing athletes (i.e. Concussion/head trauma, the Female Athlete Triad, drug use and abuse, etc).

History

HIS101 – World Civilizations 1

3 credits

Catalog Description: Examines the social, political, economic, environmental, religious and intellectual influences on the rise and fall of world civilizations prior to 1500 CE. Presents history from a global perspective, with an emphasis on the beliefs and contributions shaping the whole of the human community. Emphasizes developing and implementing the skills of the historian.

HIS102 – World Civilizations 2

3 credits

Catalog Description: Examines the social, political, economic, environmental, religious and intellectual influences on the rise and fall of world civilizations from 1500 CE to the present. Presents history from a global perspective, with an emphasis on the beliefs and contributions shaping the whole of the human community.

HIS104 – Western Tradition 1

3 credits

Catalog Description: Examines the political, social, economic and intellectual development of Western society from antiquity to 1500 CE. Explores the ways that ancient, classical and medieval societies shaped the development of contemporary Western thought and institutions. Emphasizes developing and implementing the skills of the historian.

HIS105 – Western Tradition 2

3 credits

Catalog Description: Examines the political, social, economic and intellectual development of Western society from 1500 CE to the present. Explores how modern historical and cultural issues shaped the development of contemporary western thought and institutions. Emphasizes developing and implementing the skills of the historian.

HIS107 – Eccentrics All: Kings, Queens and Rogues in England

3 credits

Catalog Description: Examines the historical foundations, theoretical aspects, and the evolution of the British monarchy since the Puritan Revolution. Students will experience first-hand the culture of monarchy in England as they explore historic sites in and around London, the Great North Road, Windsor, Dover, and more. Participation in the England Study Abroad program required.

HIS198 – Eccentrics All: Kings, Queens and Rogues in England and Scotland

3 credits

Catalog Description: Examines the historical foundations, theoretical aspects, and the evolution of the British monarchy since the Puritan Revolution. Students will experience first-hand the culture of monarchy both in England and Scotland as they explore historic sites in and along London, the Great North Road, Edinburgh and the Highlands. Participation in the U.K. Study Abroad program required.

HIS203 – United States History 1: Colonial Period to 1865

3 credits

Catalog Description: Surveys United States history from Pre-Columbian America through the Civil War. Focuses on the ideas and issues that shaped the emergence of the United States including institutional development, cultural transformation, and political evolution. Themes examined include: exploration and colonization, early America's relations with the British empire; the American Revolution; establishing the new republic, Jacksonian Democracy, the technological and economic development of the young nation, social and cultural life, westward expansion, the sectional crisis, and the Civil War. Introduces techniques of historical research and critical writing about the early history of the United States.

HIS204 – United States History 2: 1865 to the Present

3 credits

Catalog Description: Surveys United States history from Reconstruction to the present. Focuses on the role of the United States among the community of nations and on the ideas and events that have shaped the development of our culture, government and institutions since 1865. Examines the following themes: Reconstruction, industrialization and its effects on American society, immigration and urbanization, progressivism, World War I, social and cultural changes of the Twenties, the Great Depression and the New Deal, World War II, postwar affluence and social change, the Cold War and its end, the civil rights movement, Watergate, the Reagan Revolution, and the war on terrorism.

Introduces techniques of historical research and critical writing about the modern history of the United States.

HIS205 – History of Technology

3 credits

Catalog Description: Explores the human consequences of technology to the 'life, prosperity and health' of 21st century society. Investigates ways people have adapted to their environment through the creation of tools, machines, and technical systems, and their relationships to sociological and ideological systems.

HIS207 – American Military History Since 1898

3 credits

Catalog Description: Surveys the military history of the United States from the Spanish-American War to the present. Examines the development and use of the American armed forces in the context of the political, social, economic, intellectual and technological evolution of the nation. Prerequisite: HIS 203 or HIS 204 or a grade of 85 or better on the New York State Regents American history and government examination.

HIS211 – New York State History

3 credits

Catalog Description: Surveys the development of the peoples of New York state from pre-history to the present. Focuses on the contributions diverse groups and individuals have made to political, social, economic and cultural fabric of New York State, and through this to the United States and global community. Introduces techniques of historical research and critical writing about the history of New York State. Prerequisite: HIS 203 or HIS 204 or a grade of 85 or better on the New York State Regents American history and government examination.

HIS215 – The American Civil War

3 credits

Catalog Description: Examines the coming of the Civil War-tracing the causes from the rise of slavery in America and the creation of the

Constitution to westward expansion and diverging economic bases – as well as the military, political, and cultural aspects of the war itself. (For students with a grade of 85 or higher on the NY State Regents Exam, this course may be used to fulfill the SUNY General Education requirement for American history. For all others, this course will count as a general education elective.)

HIS217 – History of Sport in America

3 credits

Catalog Description: Examines the development of sport in America from its folk game roots to the multi-billion dollar business of today. The course investigates the interrelationship between sport and social, economic, cultural and political forces in the United States. Note: Students wishing to use this course to fulfill the SUNY General Education requirement in American History are required to meet one of the following criteria: successful completion of HIS 203 or HIS 204; score 85 or better on the New York State Regents American History and Government examination; or earn a score of 3 or better on the AP United States history examination.

HIS225 – History of the Middle East

3 credits

Catalog Description: Examines the geopolitical, social, economic and ideological development of the cultures of the Middle East from 1453 to the present. Explores the influence of Islam, and analyzes the emergence of imperialism, nationalism, modernization and fundamentalism in the modern Middle East.

HIS227 – War of 1812 and Early American Republic

3 credits

Catalog Description: Examines the role of the War of 1812 in the development of the fledgling United States. Surveys the historical debate over the causes and consequences of this often forgotten conflict and investigates its impact on the evolution of the North American continent. Note: Students wishing to use this course to fulfill the SUNY General Education requirement in

American History are required to meet one of the following criteria: successful completion of HIS 203 or HIS 204; or score 85 or better on the New York State Regents American History and Government examination.

Honors

HON111 – Honors Mentoring

1 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar. Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON112 – Honors Mentoring

1 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar. Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON113 – Honors Mentoring

1 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON114 – Honors Mentoring

1 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON121 – Honors Mentoring

2 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON122 – Honors Mentoring

2 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON123 – Honors Mentoring

2 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON124 – Honors Mentoring

2 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON131 – Honors Mentoring

3 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar.

Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON132 – Honors Mentoring

3 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar. Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON133 – Honors Mentoring

3 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar. Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON134 – Honors Mentoring

3 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar. Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON201 – Honors Seminar 1

1 credits

Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance a faculty mentor. The

student works with the mentor to determine depth of research, length of paper or project, and time requirements, and submits written proposal to Honors Committee for approval. Upon completion of work, the student presents the paper and/or project in the Honors Seminar. Prerequisite: Admission to the Honors Program or permission of the Honors Committee and the coordinator.

HON202 – Honors Seminar 2

1 credits

Catalog Description: Serves as a unifying experience for all students in the Honors Program by providing a forum for the exchange of ideas and pursuit of thought at a more advanced level of a particular theme or topic. Students deliver presentations focusing on the designated theme, Honors Program mentoring and enriched course projects. Students may attend plays, exhibitions, and/or participate in other activities. Required each semester a student is enrolled in the Honors Program. Prerequisite: Admission to the Honors Program or with permission of the Honors Program Committee and the instructor.

HON203 – Honors Seminar 3

1 credits

Catalog Description: Serves as a unifying experience for all students in the Honors Program by providing a forum for the exchange of ideas and pursuit of thought at a more advanced level of a particular theme or topic. Students deliver presentations focusing on the designated theme, Honors Program mentoring and enriched course projects. Students may attend plays, exhibitions, and/or participate in other activities. Required each semester a student is enrolled in the Honors Program. Prerequisite: Admission to the Honors Program or with permission of the Honors Program Committee and the instructor.

HON204 – Honors Seminar 4

1 credits

Catalog Description: Serves as a unifying experience for all students in the Honors

Program by providing a forum for the exchange of ideas and pursuit of thought at a more advanced level of a particular theme or topic. Students deliver presentations focusing on the designated theme, Honors Program mentoring and enriched course projects. Students may attend plays, exhibitions, and/or participate in other activities. Required each semester a student is enrolled in the Honors Program. Prerequisite: Admission to the Honors Program or with permission of the Honors Program Committee and the instructor.

HON210 – Interdisciplinary Honors

3 credits

Catalog Description: Explores a topic encompassing two or more academic areas taught by instructors in the respective disciplines. Prerequisite: Admission to the Honors program or with permission of the Honors committee and the instructors.

HON220 – Leadership Development Seminar

3 credits

Catalog Description: Uses a humanities-based approach to leadership training, i.e., classical literature, films, and group interaction. Includes developing a personal leadership style, goal setting, decision making, time management, team building, managing change, conflict resolution, and ethics. Prerequisite: GPA of 3.5 or higher and permission of instructor.

Humanities

HUM142 – The Literature of Film

3 credits

Catalog Description: Examines the history of cinema from short silent films of the late 1800's to contemporary feature films, mainly American. Uses representative films from various eras to demonstrate the necessary techniques and concepts for presenting fiction on the screen. Analyzes visual images, sound, lighting, setting, and acting.

HUM145 – The Development of Cinema

3 credits

Catalog Description: Examines the history of cinema from short silent films of the late 1800s to contemporary feature films, mainly American. Uses representative films from various eras to demonstrate the necessary techniques and concepts for presenting fiction on the screen. Analyzes visual images, sound, lighting, setting, and acting.

HUM151 – Introduction to Irish Culture, History, and Arts

3 credits

Catalog Description: Introduces students to the general culture, myths, legends, history of Ireland through participation in the Ireland Study Abroad Program. Explores key cultural elements and historical events in Ireland: its mythology, folklore, art, music, literature, and major political events. Provides critical insights into Ireland's contributions to world culture and civilization. through field trips, discussions, "laboratory" experiences and extensive writing. Participation in the Ireland Study Abroad program required.

HUM160 – An Introduction to the Culture, History, and Arts of Italy

3 credits

Catalog Description: Immerses students in the general culture, myths, legends, history of Italy through participation in the Study Abroad Program. Explores key cultural elements and historical events of Italy: its mythology, folklore, art, music, literature, and major political events. Provides critical insights into Italy's contributions to world culture and civilization. Through field trips, discussions, "laboratory" experiences and extensive writing. Participation in the Study Abroad program required.

HUM161 – Introduction to the Culture, History, and Arts of England and Scotland

3 credits

Catalog Description: Immerses students in the cultural, historical, and physical environment of England and Scotland through participation in the Study Abroad Program. Explores key cultural elements and historical events of England and Scotland: their mythology, folklore, art, music,

literature, and major political events. Provides critical insights into the countries' contributions to world culture and civilization through field trips, discussions, "laboratory" experiences and extensive writing. Participation in the Study Abroad program required

HUM220 – Western Humanities 1

4 credits

Catalog Description: Searches for moral, social, and political alternatives and meaning embodied in the institutions, culture, and literature of Western Civilization, from the beginnings to 1600. The course provides a narrative history of the designated period. Writing-intensive. Summer only. Prerequisite: ENG 102 or ENG 105.

HUM241 – Male Role in Film

3 credits

Catalog Description: Examines, analyzes and critiques the depiction of males in American films: gangster, Western hero, "Macho" man, psycho/murderer, intruder, misfit, member of a "male buddies" group, and modern hero and antihero.

HUM243 – Bogart - Cult Hero

3 credits

Catalog Description: Focuses on Bogart as both a film actor and star, why he and his films make his image such a lively presence in our imagination, the myth surrounding his personality, and the relationship between his personal image and those characters he "played" on the screen.

Human Relations

HUR101 – Human Relations 1

3 credits

Catalog Description: Examines basic dynamics and processes which occur in relationships with others. Exposes students to techniques, skills, and knowledge useful in understanding their own behavior and in comprehending the behavior of others.

HUR102 – Human Relations 2

3 credits

Catalog Description: Examines group behavior and techniques to influence group processes. Studies principles affecting group behavior, effective meeting strategies, conflict resolution principles, and leadership skills. Utilizes small groups in class to apply course material. Prerequisite: HUR101.

Human Services

HUS101 – Introduction to Human Services

3 credits

Catalog Description: Introduces the field of human services through topics such as career options, social policy development, societal changes, and the social welfare system. Includes the nature of the helping process and beginning skill development.

HUS103 – Family Crisis Intervention

3 credits

Catalog Description: Presents the causes, dimensions and ramifications of family problems and violence including child abuse. Covers intervention approaches by human services agencies and law enforcement, legal aspects of violence cases, and the multidisciplinary approach to effective treatment plans.

HUS104 – Preschool Children-Health, Safety and Nutrition

3 credits

Catalog Description: Emphasizes the symptoms and treatment of typical childhood illnesses, safety hazards, first aid techniques and accident prevention. Explores, within the context of children's developmental stages, nutritional requirements and subsequent effects on behavior, child abuse factors, and special needs of children due to health conditions.

HUS106 – Early Childhood Education - Methods and Materials

3 credits

Catalog Description: Covers typical characteristics of young children (infant to eight years). Emphasizes learning materials and teaching methods appropriate for use with various age groups. Studies child guidance

techniques, theories of play, quality program characteristics, and lesson plan designs. Requires demonstrations of effective lesson plan and story telling techniques.

HUS110 – Internship in Human Services 1

3 credits

Catalog Description: Internship placement in conjunction with weekly class seminar designed to integrate theory with practical application to further develop professional Human Services helping values, knowledge, skills and behaviors. Placement must be instructor approved with site supervision by a qualified human services worker. Minimum of 125 internship hours per semester. Prerequisite: HUS101.

HUS113 – Alcohol/Drug Use and Abuse

3 credits

Catalog Description: Examines the symptoms, physical, pharmacological, psychological, and social effects of addiction as a disease and the impact on society. Covers treatment programs and options. [Note: The New York State Office of Alcohol and Substance Abuse Services has reviewed this course and finds that it is consistent with established standards for alcoholism counselor education and training toward the CASAC credential.]

HUS114 – Family: Impact of Alcohol and Drugs

3 credits

Catalog Description: Analyzes the effects of alcoholism and drug abuse on the family. Emphasizes family roles, characteristics of children of alcoholics and substance abusers, co-dependence theories, adult children of such families and adaptations made individually and socially by family members. [Note: The New York State Office of Alcohol and Substance Abuse Services has reviewed this course and finds that it is consistent with established standards for alcoholism counselor education and training toward the CASAC credential.] Spring only. Prerequisite: HUS 113 or HED 113.

HUS124 – Gerontology

3 credits

Catalog Description: Examines contemporary issues impacting older adults such as special needs, changing roles experienced with aging, community resources, legislation and programs designed to meet these multifaceted needs.

HUS130 – Death & Dying

3 credits

Catalog Description: Provides a basic background on historical and contemporary perspectives on death and dying. Examines current practices regarding death in the US. Emphasizes the special situation of the terminally ill and bereaved.

HUS201 – Internship in Human Services 2

3 credits

Catalog Description: Continuing instructor approved and site supervised internship placement with weekly class seminar to further develop and refine professional helping values, knowledge, skills and behaviors required for job placement and /or continuing education within the field. Minimum of 125 internship hours per semester. Prerequisite: HUS101 and HUS110

HUS204 – Human Diversity

3 credits

Catalog Description: Examines the definition of human diversity in American culture, including ethnicity, race, gender, sexual orientation, poverty, and religion. Identifies the misinformation that perpetuates the exclusion of diverse groups from mainstream opportunities, and differentiates covert acts, institutional policies, and ideologies that promote the exclusion of diverse groups. Provides an awareness of the student's own diversity and how their feelings and worldviews might differ from other diverse groups, and how those differences may influence behaviors positively and/or negatively.

HUS250 – Introduction to Developmental Disabilities

3 credits

Catalog Description: Overview of disabilities encountered when working with infants, children and adults with development disabilities through

their lifespan. Focuses on individuals with intellectual, behavioral, sensory, physical or learning difficulties. Emphasizes physiological basis, resulting behavior, treatment typically applied, historical events and future trends. Includes a mandatory field observation. Equivalent to EDF 250.

HUS251 – Developmental Disabilities: Strategies and Applications

3 credits

Catalog Description: Introduces and applies principles of learning and motivation to the various disabilities. Covers treatment strategies through the lifespan of the individual with developmental disabilities. Identifies impact of developmental disabilities on families. Stresses specific skills for facilitating adaptive and cognitive potentials. Studies evaluative processes, behavior modification, treatment care plans, forms of therapy, advocacy and issues related to community integration. Prerequisite: HUS 250.

Journalism

JOU101 – Introduction to Journalism

3 credits

Catalog Description: Introduces the principles and practices of print journalism. Defines what constitutes news and discusses news gathering, news and feature writing, news editing, and ethical problems of journalists. Prerequisite: ENG101.

Literature

LIT201 – Introduction to Literature

3 credits

Catalog Description: Introduces the unique characteristics of poetry, fiction, and drama. Investigates the function of literature as a form of communication. Requires use of computer for online course sections. Fall only. Prerequisite: ENG101.

LIT203 – Children's Literature

3 credits

Catalog Description: Examines classical and contemporary selected works of children's

literature from a variety of genres. Develops critical thinking skills to make informed judgments about children's books. Considers a variety of literary criticism models and applies them to representative works. Online course requires computer knowledge. Prerequisite: ENG101.

LIT210 – African American Literature

3 credits

Catalog Description: Examines the binding, common themes of African-American literature from the late eighteenth century to the present. Establishes useful definitions for the novel, the short story, poetry, drama, and literary nonfiction (e.g. autobiography, essay, oratory) as they apply to African-American literature in particular. Prerequisite: ENG101.

LIT211 – Short Story

3 credits

Catalog Description: Focuses on the unique characteristics of the genre. Explores classical and contemporary representative stories from around the world. Applies a variety of literary criticism models to selected stories. Online course requires computer knowledge. Prerequisite: ENG101.

LIT212 – American Literature 1 - Pre-colonial Period to the Civil War

3 credits

Catalog Description: Focuses on American literature from the pre-colonial era to 1865. Examines the nature of American culture as expressed through a variety of genres and historical periods. Employs different literary critical approaches. Computer use required for online sections. Prerequisite: ENG101.

LIT213 – Science Fiction

3 credits

Catalog Description: Examines social, political, philosophical, scientific, and spiritual issues as they appear in science fiction. Explores representative stories and novels, as well as biographical and historical material. Develops informed judgments about science fiction and its connection to science and philosophy. Evaluates

and critique works of science fiction. Computer labs may be used, although computer knowledge not necessary, except for online course sections. Prerequisite: ENG101.

LIT214 – Play Analysis

3 credits

Catalog Description: Develops ability to carefully read and analyze plays. Employs scripts from various period and genres to explore theatre as a written, visual, and collaborative art form. Prerequisite: ENG 101.

LIT215 – World Literature

3 credits

Catalog Description: Critical analysis of literature outside the Western canon. Examines works in translation from different traditions and across various genres and historical periods. Rotating subjects may include, but are not limited to, Asian literature, Middle Eastern literature, and Latin American literature. Prerequisite: ENG101.

LIT216 – American Literature: Civil War to the Present

3 credits

Catalog Description: Examines American literature from the post-Civil War era (1865) to present day. Looks at the American tradition and culture and how each artist fits within his or her historical context through the literary periods of realism, naturalism, modernism, and post-modernism. Explores how students fit into the American tradition and culture. Teaching methods may include small group discussions, lectures, independent study, and the use of computer labs. Prerequisite: ENG101.

LIT217 – British Literature: Medieval Period through Restoration

3 credits

Catalog Description: Focuses on the study of British literature from the Middle Ages to the Restoration. Examines the development of British culture as expressed through a variety of literary genres from the three major historical periods. Analysis via various literary critical approaches. Computer use required for online sections. Prerequisite: ENG 101.

LIT218 – British Literature : Romantic Period to the Present

3 credits

Catalog Description: Focuses on the study of British literature from the Romantic Period to present day. Examines the nature of British culture as expressed through a variety of literary genres and historical periods. Analysis via various literary critical approaches. Computer use required for online sections. Prerequisite: ENG 101.

Mathematics

MAT091 – Basic Math Skills

4 credits

Catalog Description: Students move through a series of content modules using a mastery learning approach, making extensive use of computer software for content delivery, practice of skills, and assessment (graded homework, quizzes, and module pre- and post-tests). Topics include operations with whole numbers, fractions, decimals, and signed numbers; ratios, rates, and proportions; percent; measurement conversions within the U. S. Customary System and within the Metric System using Unit Analysis; scientific notation; evaluating and simplifying variable expressions; solving linear equations; and some basic geometry. Prerequisite: By placement.

MAT092 – Algebra 1

4 credits

Catalog Description: Students move through a series of content modules using a mastery learning approach, making extensive use of computer software for content delivery, practice of skills, and assessment (graded homework, quizzes, and module pre- and post-tests). Topics include simplifying variable expressions, solving linear equations and inequalities, graphing linear equations in two variables, solving systems of linear equations in two variables, operations with exponential expressions and polynomials, factoring polynomials, simplifying radical expressions (square roots), and solving quadratic equations. Prerequisite: MAT 091 or by placement.

MAT102 – Algebra 2

3 credits

Catalog Description: Topics include solving first degree inequalities, introduction to functions, linear equations in two variables and graphing, solving systems of two or three linear equations and inequalities, brief review of polynomial operations and factoring, algebraic fractions, variation, solving rational equations and proportions, rational exponents and radical expressions, complex numbers, solving radical equations, and four methods for solving quadratic equations, with emphasis on problem solving and applications throughout the course. Not open to students with credit in MAT 136 or higher. Prerequisite: MAT 092 or by placement.

MAT108 – Survey of Mathematics

3 credits

Catalog Description: A study of various topics including an introduction to estimation, algebra, geometry, consumer mathematics, probability and statistics, with an emphasis on critical thinking and interpreting results. Other topics may be covered at the discretion of the instructor. MAT108 is a common selection by Liberal Arts students with fewer than three years of high school mathematics. Either MAT108 or MAT092 can be used to satisfy the GCC math proficiency graduation requirement. Either MAT108 or MAT092 can be used to satisfy the prerequisite for MAT129, Statistics. MAT108 does not satisfy the prerequisite for any other math course. Although this course can satisfy your mathematics requirement for some GCC programs and transfer to some baccalaureate institutions, speak with an academic advisor to ensure that this course meets your goals. Prerequisite: MAT091 with a grade of C or better, or by placement.

MAT116 – Math for Elementary Teachers 1

3 credits

Catalog Description: Focuses on foundational concepts of number theory, arithmetic, and algebra that underlie the elementary school mathematics curriculum. Emphasizes problem solving and the historical development of

numeration systems and other mathematical concepts. Prerequisite: MAT092 with a grade of C or better, or equivalent by placement.

MAT117 – Math for Elementary Teachers 2

3 credits

Catalog Description: Covers fundamental concepts of probability, statistics, measurement and geometry and the historical development of Mathematics. Develops understanding of mathematical concepts that form the foundation for topics included in the elementary mathematics curriculum and further develops creative problem-solving and mathematical communication skills. Prerequisite: MAT116.

MAT121 – Technical Math 1

3 credits

Catalog Description: Reviews basic algebraic operations and solutions of linear equations. Emphasizes applications of linear equations, graphing techniques, units of measurement conversions, exponents and radicals, functions, trigonometric functions, and vectors. Not open for credit to students who have credit in MAT 140 or higher. Prerequisite: MAT092 or higher or by placement.

MAT122 – Technical Math 2

3 credits

Catalog Description: Emphasizes solutions to systems of linear equations, solutions and applications of quadratic equations, laws of sines and cosines, graphs of trigonometric functions, complex numbers, exponential and logarithmic functions, linear inequalities, and direct and inverse variation. Not open for credit to students who have credit in MAT 140 or higher. Prerequisite: MAT121 with a grade of C or higher.

MAT125 – Finite Mathematics

3 credits

Catalog Description: Emphasizes topics in discrete mathematics, including set theory, linear programming, logic, probability, matrices, and applications. Prerequisite: Math skills equivalent to MAT092 or higher.

MAT129 – Statistics

3 credits

Catalog Description: Studies descriptive data with graphical and numerical techniques, binomial and normal probability distributions, estimation and sampling, hypothesis testing, and linear regression models. Emphasis is on practical applications, including using MINITAB software. Prerequisite: MAT 092 or higher or by placement

MAT131 – Consumer Mathematics

3 credits

Catalog Description: Overview of mathematics applications to consumer problems and issues. Topics include compound and simple interest, annuities, mortgages, promissory notes and outstanding principal. Prerequisite: Math skills equivalent to MAT092 or higher.

MAT136 – Algebra 3 and Trigonometry

3 credits

Catalog Description: Topics include absolute value equations and inequalities; solving systems of linear equations using determinants; review of rational exponents, radical expressions and complex numbers; quadratic equations and inequalities; solving equations reducible to quadratic form; quadratic, exponential and logarithmic functions and applications; graphs of functions; algebra of functions; inverse functions; conic sections; nonlinear systems of equations and inequalities; right triangle trigonometry; trigonometric functions and the unit circle. Not open to students with credit in MAT 140 or higher. Prerequisite: MAT 102 with a grade of 'C' or higher or by placement.

MAT137 – Calculus for Business

4 credits

Catalog Description: Covers the principal concepts of differential and integral calculus as they relate to business applications. Students will study functions (including exponential and logarithmic), limits, differentiation, and integration. Emphasis will be placed upon the use of calculus in solving problems from the fields of business & economics. Prerequisite:

MAT 136 or MAT 140 with a grade of 'C' or higher or by placement or instructor permission.

MAT140 – Precalculus

4 credits

Catalog Description: Studies polynomial, rational, exponential, logarithmic, and trigonometric functions and their inverses. Four class hours. Not open for credit to students who have credit in MAT 141 or higher. Prerequisite: MAT 136 (with a minimum grade of C) or equivalent by placement.

MAT141 – Calculus 1

4 credits

Catalog Description: Studies functions of a single variable with regard to limits, continuity, differentiation, anti-differentiation, and applications of these topics. Concludes with a study of the definite integral and the fundamental theorem of calculus. Four class hours. Prerequisite: MAT 140 (with a minimum grade of C) or equivalent by placement.

MAT142 – Calculus 2

4 credits

Catalog Description: Examines applications of the definite integral; analysis of the natural logarithmic, exponential, trigonometric, and hyperbolic functions; introduction to differential equations; techniques of integration; L'Hopital's Rule and indeterminate forms; improper integrals; and infinite series. Prerequisite: MAT 141 with a grade of 'C' or higher or by placement.

MAT195 – Calculus for Business

4 credits

Catalog Description: Covers the principal concepts of differential and integral calculus as they relate to business applications. Students will study functions (including exponential and logarithmic), limits, differentiation, and integration. Emphasis will be placed upon the use of calculus in solving problems from the fields of business & economics. Pre-Requisite: MAT 136 or MAT 140 with a grade of C or better (or by permission of instructor).

MAT245 – Calculus 3

4 credits

Catalog Description: Covers infinite series, curves in parametric and polar forms, vectors, partial differentiation, and multiple integrals. Applications of these topics focus on analysis of functions and surfaces in 3 dimensional space. Fall only. Prerequisite: MAT 142 with a grade of 'C' or higher or by placement. May be taken concurrently with MAT 142 with instructor permission.

MAT246 – Linear Algebra

4 credits

Catalog Description: Covers systems of linear equations and matrices, determinants, vectors and vector spaces, linear transformations, eigenvectors and eigenvalues, linear transformations, and numerical methods. Four class hours. Prerequisite: MAT142 with a grade of C or better, or permission of instructor.

MAT247 – Discrete Math

3 credits

Catalog Description: Provides an introduction to discrete mathematical structures and their applications to computer programming. Topics include logic of compound and quantified statements, elementary number theory, direct & indirect proofs, mathematical induction, sets, discrete probability & counting, functions, and an introduction to graph theory. Spring only. Prerequisite: MAT 140 with a grade of 'C' or higher or by placement.

MAT255 – Differential Equations

4 credits

Catalog Description: Covers solutions of first order differential equations, Euler's Method, linear differential equations with constant coefficients, non-linear equations, LaPlace transforms, numerical solutions, and series solutions. Applications focus on modeling with first- and second-order linear equations. CAS Software (such as Derive or Maple) will be used for solving a variety of application problems. Spring only. Prerequisite: MAT 142 with a grade of 'C' or higher or by placement.

Meteorology

MET101 – Introduction to Meteorology

3 credits

Catalog Description: Explores atmospheric phenomena such as the nature and variability of the wind, temperature, cloud and precipitation as well as the Earth's energy budgets. Emphasis is placed upon the various terminology and tools that meteorologists employ to observe, study and predict storm systems, the development and movement of fronts, as well as thunderstorms and tornadoes. Includes a laboratory component to construct and analyze weather maps and charts involving surface and upper-level atmospheric soundings. Two class hours, two lab hours. Prerequisite: Completion of the Genesee Community College math proficiency.

Math/Science Preparatory

MSP161 – Math/Science Prep

2 credits

Catalog Description: This course is the first semester of a four (4) semester preparatory curriculum designed to provide the knowledge and skills necessary for participating in the STEM enrichment program including readiness for MAT 136, CHE 101, and PHY 131. Students will begin an exploration of science and math topics typically covered in first half of PHY 100 – How things Work and the first half of MAT 102 – Algebra 2. Students will explore the physical world and its impact on human life, including the basic principles of mechanics, thermodynamics, electricity, magnetism, waves, optics, and atomic physics as well as the solving of first degree inequalities, introduction to functions, linear equations in two variables and graphing, solving systems of two or three linear equations and inequalities, a brief review of polynomial operations and factoring.

MSP162 – Math/Science Prep 2

2 credits

Catalog Description: This course is the second semester of a four (4) semester preparatory curriculum designed to provide the knowledge

and skills necessary for participating in the STEM enrichment program including readiness for MAT 136, CHE 101, and PHY 131. Students will begin an exploration of science and math topics typically covered in first half of PHY 100 – How things Work and the first half of MAT 102 – Algebra 2. Students will explore the physical world and its impact on human life, including the basic principles of mechanics, thermodynamics, electricity, magnetism, waves, optics, and atomic physics as well as the solving of first degree inequalities, introduction to functions, linear equations in two variables and graphing, solving systems of two or three linear equations and inequalities, a brief review of polynomial operations and factoring.

MSP163 – Math/Science Prep 3

2 credits

Catalog Description: This course is the third semester of a four (4) semester preparatory curriculum designed to provide the knowledge and skills necessary for participating in the STEM enrichment program including readiness for MAT 136, CHE 101, and PHY 131. Students will begin an exploration of science and math topics typically covered in CHE 100 – Introduction to Chemistry and review components of MAT 102 – Algebra 2. Students will encounter general, organic and biological chemistry by exploring topics such as measurement, atomic and molecular structure, chemical and physical bonding, gas properties, chemical reactions, acid/base chemistry, organic molecule structure and functional groups, and common groups of biological molecules (carbohydrates, lipids and proteins) while reviewing the solving of first degree inequalities, introduction to functions, linear equations in two variables and graphing, solving systems of two or three linear equations and inequalities, a brief review of polynomial operations and factoring.

MSP164 – Math/Science Prep 4

2 credits

Catalog Description: This course is the fourth semester of a four (4) semester preparatory curriculum designed to provide the knowledge

and skills necessary for participating in the STEM enrichment program including readiness for MAT 136, CHE 101, and PHY 131. Students will begin an exploration of science and math topics typically covered in BIO 100 – Introduction to Biology and review components of MAT 102 – Algebra 2. Students will explore an introduction to the basic characteristics of life, organisms, their interactions, and the scientific process. Improves scientific thinking and increases science literacy. This course will provide an overview of 5 core concepts of biology: studying and using the scientific method, evolution, ecology, genetics, and biodiversity.

Music

MUS101 – Music Appreciation

3 credits

Catalog Description: Surveys music as a form of communication with emphasis on developing understanding and awareness of the techniques and means of using musical sounds for communication and expressing human emotions both actively, from a performer's point of view, and passively as an informed, knowledgeable and discriminating listener.

MUS102 – Basic Musicianship

3 credits

Catalog Description: Studies scales, intervals, key signatures, meters, rhythmic reading, and chords. This course is for students with little or no background in music performance or theory who wish to obtain the skills necessary to read music and learn to apply the skills in a practical way.

MUS105 – Introduction to Musical Theatre

3 credits

Catalog Description: Introduces the musical theatre form, the personnel involved in the making of a musical, and a brief history. Includes audition techniques, song preparation from various stylistic periods, and performances of musical repertoire.

MUS107 – Hip Hop Culture

3 credits

Catalog Description: Studies the development of hip hop styles and techniques and the social, political, and cultural phenomenon associated with them.

MUS108 – Music at the Movies

3 credits

Catalog Description: Surveys the history of film music from the silent era to the present with a focus on Hollywood narrative films. Explores the role and relation of music to the plot and visual elements of film.

MUS110 – Music History 1

3 credits

Catalog Description: Traces the chronological development of music as an art form from the Middle Ages to the Baroque movement (1750).

MUS128 – Applied Music: Private Voice Lessons

1 credits

Catalog Description: Instruction in voice by a qualified private teacher. Hours to be arranged with instructor. Students registered for Private Voice Lessons will be charged an Applied Music fee of \$400 per course to offset the additional costs of private instruction, in addition to the College's standard tuition and fees. This fee is 100% refundable prior to the first day of the term, and non-refundable on or after the first day of term. A minimum of twelve 40-minute lessons is required per semester for 1 academic credit. Students are required to present a performance examination at the end of each term. Credit in this course will not satisfy Fine Arts requirements in any degree program. Prerequisite: None.

MUS129 – Applied Music: Private Voice Lessons

1 credits

Catalog Description: Instruction in voice by a qualified private teacher. Hours to be arranged with instructor. Students registered for Private Voice Lessons will be charged an Applied Music fee of \$400 per course to offset the additional costs of private instruction, in addition to the College's standard tuition and fees. This fee is 100% refundable prior to the first day of the term,

and non-refundable on or after the first day of term. A minimum of twelve 40-minute lessons is required per semester for 1 academic credit. Students are required to present a performance examination at the end of each term. Credit in this course will not satisfy Fine Arts requirements in any degree program. Prerequisite: None.

MUS130 – Applied Music: Private Voice Lessons

1 credits

Catalog Description: Instruction in voice by a qualified private teacher. Hours to be arranged with instructor. Students registered for Private Voice Lessons will be charged an Applied Music fee of \$400 per course to offset the additional costs of private instruction, in addition to the College's standard tuition and fees. This fee is 100% refundable prior to the first day of the term, and non-refundable on or after the first day of term. A minimum of twelve 40-minute lessons is required per semester for 1 academic credit. Students are required to present a performance examination at the end of each term. Credit in this course will not satisfy Fine Arts requirements in any degree program. Prerequisite: None.

MUS131 – Applied Music: Private Voice Lessons

1 credits

Catalog Description: Instruction in voice by a qualified private teacher. Hours to be arranged with instructor. Students registered for Private Voice Lessons will be charged an Applied Music fee of \$400 per course to offset the additional costs of private instruction, in addition to the College's standard tuition and fees. This fee is 100% refundable prior to the first day of the term, and non-refundable on or after the first day of term. A minimum of twelve 40-minute lessons is required per semester for 1 academic credit. Students are required to present a performance examination at the end of each term. Credit in this course will not satisfy Fine Arts requirements in any degree program. Prerequisite: None.

MUS151 – Music Industry Entrepreneurship

3 credits

Catalog Description: Interactive and hands-on, designed for a variety of students from the aspiring professional musician looking to make a little extra income to the student earning a degree in music who needs guidance on how to get started in the industry. Students will learn essential skills needed to become successful entrepreneurs in the music industry.

MUS201 – Music Theory 1

3 credits

Catalog Description: Concentrates on the basics of Western music, including concepts such as notation, chords, and chord progressions, chorale writing, and melody writing. Specialized courses of instruction offered on a limited basis. Prerequisite: MUS 102 or previous study.

MUS202 – Music Theory 2

3 credits

Catalog Description: Concentrates on the basics of Western music, including concepts such as notation, chords, and chord progressions, chorale writing, and melody writing. Prerequisite: MUS 201.

MUS203 – History of Rock & Roll: Blues and Beyond

3 credits

Catalog Description: Surveys the development of rock and roll through a basic narrative of American culture, politics, and economic history. Examines race, gender, class, technology, and the music business as it relates to the creation of rock music in the United States and globally. Learning activities include critical analysis of audio and video recordings, attendance at live concerts of various rock and roll styles, group discussions, and research projects. Note: Students wishing to use this course to fulfill the SUNY General Education requirement in American history must have earned an 85 or higher on the US History Regents exam. Three class hours.

Nanoscience Technology

NST100 – Introduction to Nanotechnology

3 credits

Catalog Description: Introduces students to the concept of size and scale in relation to nanoscience. Topics include: common terminology, mathematics of nanoscale, current career opportunities; nanotechnology research; nanotechnology's role in modern medicine, agriculture and environment; ethics and the impact of nanotechnology on society.

Prerequisite: BIO104 with a grade of 'C' or higher OR concurrent enrollment in BIO104 OR high school Regents biology and Regents chemistry each with a Regents exam grade of 75 or higher.

NST201 – Materials, Safety, and Equipment Overview for Nanotechnology

3 credits

Catalog Description: Introduces concepts of size and scale in relation to nanotechnology; environmental, health and safety concerns of nanotechnology; structure of matter on the Nano scale including concept of nanosurface and energy at the Nano scale; classification of materials by their physical, chemical, electrical, optical, and mechanical properties; basic vacuum systems; Nano characterization and fabrication equipment and processes. Prerequisite: CHE101 and MAT121 OR CHE 101 and MAT 102 with a 'C' or better; and PHY 122 with a 'C' or better OR concurrent enrollment in PHY 122

NST202 – Basic Nanotechnology Processes

3 credits

Catalog Description: Introduces students to the: top down, bottom up and hybrid nanofabrication; additive processes and sputtering; plasma, plasma setups and plasma deposition; subtractive processes and etching; RIE; wet etching; pattern transfer and lithography techniques; typical LPCVD systems for top down applications; 1D materials in bottom up applications; physical vapor deposition. Prerequisite: NST 201; Co-requisite: NST 206

NST203 – Characterization of Nanotechnology Structures and Materials

3 credits

Catalog Description: Introduces students to the following topics: characterizing Nanotechnology materials with light or physical properties; photon-based spectroscopies; characterization based on electron beams; probe characterization techniques; and particle based spectroscopies. Pre-requisite: NST 201; Co-requisite: NST 202, NST 206

NST204 – Materials in Nanotechnology

3 credits

Catalog Description: Introduces the following topics: colloids and colloidal chemistry in Nanotechnology; chemical self-assembly; properties of Nanoparticles; Nanoparticle synthesis and applications; quantum dot physics, synthesis and applications; cellular overview, biocompatibility and common materials; PDMS background, properties and applications. Pre-requisite: NST 201; Co-requisites: NST 202, NST 203, NST 206

NST205 – Patterning for Nanotechnology

3 credits

Catalog Description: Introduces the following topics: basics of photolithography; advanced lithography technologies such as antireflective coating, alignment and exposure systems, contact aligner, scanning projection aligner, electron beam lithography; photoresists; nanoimprint lithography; UV molding; edge lithography; probe lithography; block copolymer patterning. Prerequisites: NST 202 and NST 203 ; Co-requisite: NST 206

NST206 – Vacuum Systems and Nanotechnology Applications

3 credits

Catalog Description: Introduces vacuum systems design, operation and troubleshooting; physical and chemical vapor deposition applications; plasmas and materials; plasma removal process; advanced etch systems; dielectric creation by growth and deposition; application of Nanotechnology to organic solar cells. Pre-requisites: NST 201

Nursing

NUR110 – Nursing 1

8 credits

Catalog Description: Introduces the students to concepts related to health and illness, hierarchy of human needs, adaptive response, and the nursing process. Provides students with the fundamental knowledge and basic skills necessary to provide caring interventions to hospitalized individuals representative of diverse cultural groups. Basic competencies/principles of professionalism, communication, assessment, teaching/learning and clinical decision making are introduced. Includes dosage calculation skills. Provides supervised learning experiences and simulations in college nursing laboratories and regional clinical agencies. 5 lecture hours, 9 lab/clinical hours/week. Prerequisite: Admission to the Nursing Program. Prerequisite or corequisite: BIO 152 with a grade of 'C' or higher.

NUR111 – Nursing 1

5 credits

Catalog Description: Introduces the student to concepts related to professional nursing practice. Emphasis is placed on developing the foundational knowledge and nursing assessments necessary to provide care to diverse individuals and populations. The competencies of patient centered care, safe practice environment, collaboration, healthcare informatics and management of care are introduced at a foundational level. This course provides classroom and online content. Prerequisite: Admission to the Nursing Program. Prerequisite or co-requisite: BIO 152 with a grade of "C" or higher. Co-requisite: NUR LC1

NUR112 – Nursing 2

5 credits

Catalog Description: Introduces the student to concepts related to nursing care of diverse individuals experiencing temporary health status changes. Emphasis is placed on nursing process and prioritization of patient care to promote optimal wellness. The competencies of patient

centered care, safe practice environment, collaboration, healthcare informatics and management of care are developed. This course provides classroom and online content.

Prerequisites: NUR 111 and BIO 152 with a grade of “C” or higher and NUR LC1 with a grade of “CP”. Prerequisite or co-requisite: BIO 153 with a grade of “C” or higher. Co-requisite: NUR 122 and NUR LC2

NUR120 – Nursing 2

8 credits

Catalog Description: Focuses on the care of medical-surgical patients in hospital settings. Provides students with specialized knowledge and advanced skills. Competencies of assessment, collaboration, communication, management of care, professional behaviors, caring interventions, teaching/learning and clinical decision making skills are emphasized. Includes advanced dosage calculation skills. Provides supervised learning experiences in college nursing laboratories and regional clinical agencies. 5 lecture hours, 9 lab/clinical hours/week. Prerequisites: NUR 110 and BIO 152 each with a grade of “C” or higher. Prerequisite or corequisite: BIO 153 with a grade of 'C' or higher. Corequisite: PHM122.

NUR122 – Pharmacology for Nurses

3 credits

Catalog Description: Presents essential concepts of pharmacology. Designed to promote the use of critical thinking in the application of drug therapy. Emphasis is placed on the integration of pharmacologic principles, legal responsibilities of the nurse and the nursing process.

Prerequisites: NUR 111 and BIO 152 with a grade of “C” or higher, and NUR LC1 with a grade of “CP”. Prerequisite or co-requisite: BIO 153 with a grade of “C” or better. Co-requisites: NUR 112 and NUR LC2.

NUR130 – NY PN to RN Transition Course

3 credits

Catalog Description: The NY PN to RN Transition course is designed to validate prior learning, and update/enhance the student's

knowledge. This course facilitates transition from the role of Practical Nurse to that of a student preparing for the role of Registered Nurse. Nursing process is used as the framework for critical thinking and problem solving. Four contact hours (3 classroom, 1 laboratory). Prerequisites: Eligibility for licensure as a licensed practical nurse in a United States jurisdiction. For progression into the nursing program, applicants must hold current LPN registration in a United States jurisdiction and meet the specific admission requirements of the institution/program to which she/he is applying.

NUR131 – Introduction to Associate Degree Nursing

2 credits

Catalog Description: Familiarizes the LPN transition student with the GCC Nursing Program philosophy, objectives, outcomes, policies, and organizing framework. Updates and enhances student learning related to critical thinking skills, math and dosage calculations. Prepares students for entry into the clinical sequence of second level nursing courses. One and a half class hours and one and a half laboratory hours. Prerequisites: Successful completion of NUR 130 and current LPN registration in a US jurisdiction.

NUR193 – Introduction to Associate Degree Nursing

1 credits

Catalog Description: Facilitates the transition of students entering the nursing program via the New York State LPN to RN Articulation Model. Provides an orientation to the basic policies and requirements pertaining to students in the associate degree program. Emphasizes critical thinking skills for the nursing process, and nursing skills related to medication administration and intravenous therapy. Prerequisites: Successful completion of the NYS PN to RN Transition course and eligibility to enter NUR 201.

NUR210 – Nursing 3

8 credits

Catalog Description: Examines the role of the nurse in caring for patients from conception to death. Focuses on human development, health promotion and disease prevention in individuals throughout the lifespan. Competencies of professional behaviors, communication, assessment, clinical decision making, caring interventions teaching and learning collaboration and managing care are emphasized in the context of individuals and lifespan. Includes dosage calculation skills. Experiences are provided in mental health, maternal child health, and geriatrics. 5 lecture hours, 9 lab/clinical hours/week. Prerequisites: NUR120, BIO153 and PHM122 each with a grade of “C” or higher. Prerequisite for PN-to-RN students: NUR131 and BIO153 each with a grade of “C” or higher. Prerequisite or Corequisite: BIO201 with a grade of “C” or higher. Corequisite: NUR230.

NUR215 – Leadership 1

2 credits

Catalog Description: Offers the advanced student opportunities to explore current issues facing nursing in today’s complex health care delivery system. Topics include: the healthcare system, politics in nursing, fiscal management, nursing informatics, legal/ethical issues, considerations for obtaining, maintaining, and changing employment in the current health environment, role transition, and select management concepts. Supervised experiences in the college learning laboratory are provided. 1.5 lecture hours, 0.5 lab/clinical hours/week. Prerequisite: NUR120 with a grade of C or higher. Prerequisite for PN-to-RN students: NUR131 with a grade of A and BIO153 with a grade of C or higher. Corequisite: NUR210.

NUR220 – Nursing 4

8 credits

Catalog Description: Emphasizes the nursing care of patients with complex health care needs. Focuses on all components of the nursing process with increasing degrees of skill. Competencies of professional behaviors, communication, assessment, clinical decision making, caring interventions, teaching/learning

collaboration, and managing care are emphasized at an advanced level. Includes advanced skill in dosage calculations. Provides supervised learning experiences in college nursing laboratories and regional clinical agencies. 5 lecture hours, 9 lab/clinical hours/week. Prerequisites: BIO 201, NUR 210 and NUR 230 each with a grade of “C” or higher. Corequisite: NUR 250.

NUR225 – Leadership 2

2 credits

Catalog Description: Examines the nurse's role as manager of patient care. Explores fundamental concepts of leadership and management as they apply to health care settings. Emphasizes skills such as communication, accountability, decision-making, establishing priorities, assigning and delegating, and collaborating with other members of the health care team. Supervised experiences in the college learning laboratory are provided. 1.5 lecture hours, 0.5 lab/clinical hours/week. Prerequisites: NUR 210 and NUR 215 each with a grade of 'C' or higher. Corequisites: NUR 220 and NUR 250.

NUR230 – Professional Issues in Nursing

3 credits

Catalog Description: Introduces the student to professional issues relevant to current trends in nursing, leadership and management. The emphasis is placed on role transition and promoting an environment of quality patient care and safety. Prerequisites: NUR 112, NUR LC2, NUR 122, and BIO 153 with a grade of “C” or higher. Prerequisites for PN to RN students: NUR 131 and BIO 153 with a grade of “C” or higher. Co-requisites: NUR 211 and NUR LC3.

NUR250 – Nursing 5

5 credits

Catalog Description: Provides the advanced student with the knowledge and skills required to demonstrate the competencies of the Associate Degree nurse in various settings. The student utilizes the nursing process in the delivery of care, demonstrates competence in

communication and technical skills, and develops competence in managing care for groups of patients. The student demonstrates the ability to be accountable for his/her actions. 2 lecture hours, 9 lab/clinical hours/week. Prerequisites: BIO 201, NUR 210, NUR 230 each with a grade of 'C' or higher. Corequisites: NUR 220, NUR CL4, and NUR CL5.

NUR291 – Nursing Internship-Coop. Ed.

3 credits

Catalog Description: Introduces students to clinical experiences in nursing. Students are placed in positions relative to their career and academic objectives. Prerequisites: Successful completion of NUR 101 and NUR 102.

NURLC1 – Nursing Lab/Clinical 1

3 credits

Catalog Description: NUR LC1 is the application of didactic instruction for NUR 111 and a required co-requisite. Skills and performance in NUR LC1 are assessed as a component of NUR 111 and therefore, must be successfully completed in addition to all of the requirements for NUR 111. Prerequisite: Admission to the Nursing Program Prerequisite or co-requisite: BIO 152 with a grade of "C" or better Co-requisite: NUR 111

NURLC2 – Nursing Lab/Clinical 2

3 credits

Catalog Description: NUR LC2 is the application of didactic instruction for NUR 112 and a required co-requisite. Skills and performance in NUR LC2 are assessed as a component of NUR 112 and therefore, must be successfully completed in addition to all of the requirements for NUR 112. Prerequisites: NUR 111, BIO 152 with a grade of "C" or better, and NUR LC1 with a grade of "CP". Prerequisite or co-requisite: BIO 153 with a grade of "C" or better Co-requisites: NUR 112, NUR 122

Office Technology/Secretarial

OFT101 – Keyboarding

3 credits

Catalog Description: Develops personal computer and keyboarding skills through an individual program of instruction using computer software, including frequent drills to increase speed and accuracy. Introduces simple letters, tabulations, vertical and horizontal centering, and one-page reports. Requires a minimum level of proficiency of 35 words per minute (wpm).

OFT102 – Intermediate Keyboarding

3 credits

Catalog Description: Increases keyboarding techniques. Includes production using word processing software of two-page letters, two-page reports, two-page memos, tables, envelopes, and mail merges. Requires a minimum level of proficiency of 45 words per minute (wpm). Prerequisite: OFT101.

OFT103 – Keyboarding For Computer Users

1 credits

Catalog Description: Develops touch computer keyboard skills to input alphabetic, numeric, and symbol information. Explore microcomputers and disk software. Requires minimum level of proficiency of 20 words per minute (wpm).

OFT116 – Medical Terminology

3 credits

Catalog Description: Analyzes and applies comprehensive study of medical word to the continual learning of new terminology. Includes root words, prefixes, suffixes, and emphasis on the newly learned words in a variety of exercise formats. Medical terminology skills may be applied to various allied health fields.

OFT135 – Medical Forms and Billing

3 credits

Catalog Description: Emphasize the role of computers in health insurance using computerized patient accounting software. Students will be introduced to medical billing, insurance terminology, and the preparation of insurance claims. Software will simulate medical office situation which includes patient information input, billing operations, and document production. Prerequisite or corequisite: OFT116.

OFT150 – Intro to Health Insurance

3 credits

Catalog Description: This course will introduce students to the history of health insurance, the legal and ethical side of health insurance, and the types of health insurance. Topics will include the claims process, HIPPA, and reimbursement.

OFT155 – Medical Coding I (CPT)

3 credits

Catalog Description: Students are introduced to procedural coding using the American Association's Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding systems. Students will learn how the CPT and HCPCS coding procedures interact with medical billing in office and hospital settings. Prerequisites: OFT116. Additional courses are required in order to be certified as a Medical Coder.

OFT201 – Production Keyboarding

3 credits

Catalog Description: Prepares students to enter the workforce as valuable contributors to their organizations' growth. Includes business simulations using word processing, database, presentation, and spreadsheet software. Continues speed-building techniques. Requires minimum level of proficiency of 55 words per minute Prerequisites: OFT101, OFT102, and CIS116.

OFT205 – Transcription

3 credits

Catalog Description: Builds the skills necessary to produce high quality correspondence and reports from dictated materials using word processing software. Emphasizes punctuation, spelling, grammar, vocabulary and efficiency. Two class hours, two laboratory hours. Prerequisites: OFT102.

OFT210 – Medical Transcription

3 credits

Catalog Description: Builds the skills necessary to produce accurate medical records and correspondence from dictated materials. Emphasizes punctuation, spelling, grammar,

medical vocabulary, and efficiency. Prerequisites: OFT116 and OFT101.

OFT240 – Administrative Office Systems

3 credits

Catalog Description: Focuses on improving office productivity by analyzing office system modules such as filing, telephone techniques, receptionist duties, mail processing, and office communications. Corequisite: OFT101 or permission of instructor.

OFT244 – Medical Office Procedures

3 credits

Catalog Description: Examines responsibilities and duties of the medical office assistant through the use of projects and simulations that include medical law and ethics, preparation of records and records management, telephone procedures and appointment scheduling, health insurance and billing, office management, professional reports, and medical meetings.

OFT251 – Processing Legal Documents

3 credits

Catalog Description: Introduces legal terminology, procedures, and documents. Develops legal vocabulary, ability to perform legal office procedures, and ability to prepare various legal documents and instruments. Prerequisite: OFT101 or PLG214.

OFT255 – Medical Coding II (ICD 10)

3 credits

Catalog Description: Students are introduced to diagnostic coding with emphasize on the International Classification of Diseases (ICD-10) classification system. Students will learn how the diagnostic coding procedures, interact with medical reimbursement and office operations. Prerequisite: OFT116.

OFT260 – Desktop Publishing

3 credits

Catalog Description: Introduces desktop publishing including creating and editing single-page and multi-page publications, using wizards, commercial printing considerations, editing text colors and design objects, personal information

sets, logos, to create flyers, newsletters, brochures, logs, calendars, and web pages. Covers business forms, business cards, invoices, fax covers, tables, web forms for e-commerce, and object linking and embedding. Prerequisites: OFT102 and CIS116.

Physical Education

PED104 – Teaching Methodologies in Sport Skill Studies

3 credits

Catalog Description: Introduces the fundamental skills and rules in the sports of volleyball, soccer, basketball, softball, golf, and tennis. Provides basic knowledge of activity plan preparation.

PED105 – Beginning Swimming

1 credits

Catalog Description: Introduces nonswimmers to fundamental water and swimming skills. One and one-half class hours.

PED109 – Lifeguarding

3 credits

Catalog Description: Develops active water rescue skills and knowledge. The American Red Cross pre-requisites requires successful completion of the following swimming competencies in order to take the course: swim 300 yards using front crawl or breaststroke, tread water for 2 minutes legs only, swim 20 yards, surface dive, recover a 10 lb. brick and swim back 20 yards within 1 minute 40 seconds. Lifeguarding Certification available upon successful course performance. Four class hours.

PED111 – Beginning Scuba Diving

3 credits

Catalog Description: Focuses on beginning scuba diving skill development, equipment terminology and safety for the inexperienced scuba participant. Certification available. Two class hours, two laboratory hours. Prerequisite: Demonstration of sufficient water skill.

PED113 – Beginning Indoor Soccer

1 credits

Catalog Description: Focuses on beginning indoor soccer skill development for the inexperienced soccer participant. One and one-half class hours.

PED114 – Intermediate Scuba Diving

3 credits

Catalog Description: Provides the beginning certified diver with training and skill development in the open water environment. Two class hours, two laboratory hours. Prerequisite: Diver certification required.

PED120 – Beginning Volleyball

1 credits

Catalog Description: Introduces basic volleyball rules, skills, and team strategies. One and one-half class hours.

PED121 – Intermediate Volleyball

1 credits

Catalog Description: Presents major skills, strategies, etiquette, and safety consideration in volleyball. Provides opportunity to analyze skills and plan and implement drills and activities while adhering to the New York State Physical Education Standards and to the National Physical Education Standards. One and One-half class hours. Prerequisite: PED 104 or PED 120

PED123 – Beginning Soccer

1 credits

Catalog Description: Focuses on beginning soccer skill development for the inexperienced soccer participant. One and one-half class hours.

PED125 – Intermediate Swimming

1 credits

Catalog Description: Focuses on advanced swimming skill and stroke development for the experienced swimmer. Includes personal safety and rescue skills. One and one-half class hours. Prerequisite: PED105.

PED127 – Introduction to Movement and Dance

3 credits

Catalog Description: Develops awareness of individual movement characteristics through the experiential learning of movement skills on the introductory level. Surveys elementary modern dance techniques, elements of rhythm and spatial awareness, and simple composition and improvisational dance studies.

PED131 – Beginning Co-Ed Basketball

1 credits

Catalog Description: Focuses on beginning basketball skill development for the inexperienced participant. Includes individual and team skills and game rules. One and one-half class hours.

PED132 – Beginning Karate

1 credits

Catalog Description: Focuses on achieving the physical and mental conditioning and training required to execute a variety of basic martial arts techniques and forms or kata and engages in effective sparring and self-defense. Acquaints students with the historical and philosophical and spiritual aspects of the martial arts. Designed for students with little or no background in the martial arts. One and one-half class hours.

PED135 – Hip-Hop Dance

3 credits

Catalog Description: Develops awareness of movement in different levels and space. Focuses on rhythm, syncopation and stage presence. Derived from a combination of jazz funk and street jazz, this style of dance requires high energy, attention to detail and an understanding of complex rhythms. Students will develop an appreciation and understanding of the art of hip-hop dance through physical exercise, floor work, partnering, and floor movement to better understand the technique of hip-hop. Using movement improvisation and choreographed work, and researching its origins, students will understand the history, use of, and terms of hip-hop dance.

PED140 – Intermediate Co-Ed Basketball

1 credits

Catalog Description: Presents major skills, strategies, etiquette, and safety consideration in basketball. Provides opportunity to analyze skills and plan and implement drills and activities while adhering to the New York State Physical Education Standards and to the National Physical Education Standards. One and One-half class hours. Prerequisite: PED 104 or PED 131

PED141 – Intermediate Soccer

1 credits

Catalog Description: Presents major skills, strategies, etiquette, and safety consideration in soccer. Provides opportunity to analyze skills and plan and implement drills and activities while conforming to the New York State Physical Education Standards and to the National Physical Education Standards. One and One-half class hours. Prerequisite: PED 104 or PED 123

PED146 – Beginning Bowling

1 credits

Catalog Description: Focuses on beginning bowling skill development for the inexperienced bowler. Fee associated with course. One and one-half class hours.

PED147 – Intermediate Bowling

1 credits

Catalog Description: Focuses on advanced bowling skill development and techniques for the experienced participant. Emphasizes strategies of competitive bowling. Fee associated with course. One and one-half class hours. Prerequisite: PED 146.

PED148 – Beginning Golf

1 credits

Catalog Description: Presents the basic skills of golf including grip, stance, swing, rules, and etiquette. One and one-half class hours.

PED149 – Intermediate Golf

1 credits

Catalog Description: Presents major skills, strategies, etiquette, and safety consideration in golf. Provides opportunity to analyze skills and

plan and implement drills and activities while adhering to the New York State Physical Education Standards and to the National Physical Education Standards. One and One-half class hours. Prerequisite: PED 104 or PED 148

PED150 – Beginning Tennis

1 credits

Catalog Description: Focuses on beginning tennis skill development for the inexperienced participant. Includes single and double match play and court strategies. One and one-half class hours.

PED151 – Intermediate Tennis

1 credits

Catalog Description: Presents major skills, strategies, etiquette, and safety consideration in tennis. Provides opportunity to analyze skills and plan and implement drills and activities while conforming to the New York State Physical Education Standards and to the National Physical Education Standards. One and one-half class hours. Prerequisite: PED 104 or PED 150

PED152 – Beginning Badminton

1 credits

Catalog Description: Develops game skills and court strategies for match play in singles and doubles for beginning and advanced players. One and one-half class hours.

PED153 – Beginning Softball

1 credits

Catalog Description: Focuses on beginning softball skill development for the inexperienced participant. Includes game rules and strategies and practice in game situations. One and one-half class hours.

PED154 – Intermediate Softball

1 credits

Catalog Description: Present major skills, strategies, etiquette, and safety consideration in softball. Provides opportunity to analyze skills and plan and implement drills and activities while adhering to the New York State Physical Education Standards and to the National

Physical Education Standards. One and half class hours. Prerequisite: PED 104 or PED 153

PED155 – Begin. Skiing & Snowboarding

1 credits

Catalog Description: Focuses on beginning skiing or snowboarding skill development, equipment terminology and safety. Students will be responsible for providing or renting their equipment, fees for lift passes, as well as transportation to the ski resort. One and one-half class hours.

PED157 – Intermediate Skiing

1 credits

Catalog Description: Builds on basic skiing knowledge with a focus on advanced skill development and techniques for the experienced participant. Students ski on local slopes during evening. One class hour, one off-campus laboratory hour. Prerequisite: PED 155.

PED158 – Intermediate Karate

1 credits

Catalog Description: Focuses on the advanced aspects of the martial arts and expands physical and mental aspects of martial arts training. Concentrates on perfecting sparring, kata, and self-defense learned in Beginning Karate. Deepens understanding of historical and philosophical and spiritual aspects of the martial arts. One and one-half class hours. Prerequisite: PED 132.

PED171 – Body Conditioning

1 credits

Catalog Description: Designed for students with minimal workout experience. Emphasizes weight control techniques, nutritional recommendations, safety precautions, warming up and cooling down, and cardiovascular training. Provides the opportunity to work out and learn new techniques including plyometrics, speed and agility exercises, balance exercises, and stability ball exercises.

PED172 – Weight Training

1 credits

Catalog Description: Designed for the inexperienced participant. Introduces fitness center safety, warm up and cool down, weight training adaptations, and nutritional considerations. Provides the opportunity to learn and practice common weight training techniques.

PED177 – Adaptive Physical Education

2 credits

Catalog Description: Focuses on individuals who have a disability limiting their participation in the regular physical education offerings or individuals who wish to learn to assist a person with a disability. Students develop and participate in an individualized, self-designed and modified sport, game or exercise program and learn to select activities for individuals with disabilities which will be of value in meeting immediate and future physical and motor fitness. Three class hours.

PED178 – Tap Dance I

3 credits

Catalog Description: Introduces tap dance as an art form through exploration of tap technique, history and aesthetics. Includes studio classes in basic tap technique as well as observation of tap dance on video and live in concert (when possible) and discussion of reading assignments and research.

PED179 – Jazz Dance I

3 credits

Catalog Description: Introduces jazz dance as an art form through exploration of traditional jazz technique, history and aesthetics. Includes studio classes in traditional jazz as well as observation of jazz dance on video and live in concert (when possible) and discussion of reading assignments and research.

PED180 – Rhythmic Movement and Dance

1 credits

Catalog Description: Introduces students to the lifetime benefits of rhythmic movement and dance. Focuses on creative movement programs that teach about movement through time and space with force and flow to music. Includes a variety of movement formats and music.

Provides opportunity to analyze skills and plan and implement drills and activities while adhering to the New York State and National Physical Education Standards.

PED188 – Beginning Lacrosse

1 credits

Catalog Description: Focuses on beginning lacrosse skill development for the inexperienced lacrosse participant. One and one half class hours. Prerequisite: None.

PED193 – Principles of Fly Tying and Fly Fishing

2 credits

Catalog Description: Provides students of all experience levels with a practical introduction to the lifetime sport of fly fishing. Presents students with the many aspects of fly tying and fly fishing for salmon, trout and bass so that they can enjoy fishing success for the remainder of their active adult lives.

PED196 – Beginning Yoga

1 credits

Catalog Description: Introduces basic yoga postures, breathing techniques, meditation and relaxation.

PED197 – Intermediate Yoga

1 credits

Catalog Description: Intermediate yoga postures, breathing techniques, mediation, and relaxation. 1 class hour.

PED209 – Water Safety Instruction

3 credits

Catalog Description: Prepares students to teach American Red Cross Water Safety courses to diverse populations. Identifies appropriate course planning, organization, teaching methods and facilitation skills used in various courses. Studies correct and safe skill instruction for the Infant and Preschool Aquatics Program, the Learn to Swim Program, the Community Water Safety Course and the Basic Water Rescue Course. Provides Red Cross certification in Water Safety Instruction upon successful

completion of requirements. Prerequisite: Instructor approval.

PED220 – Sports Law

3 credits

Catalog Description: Presents the central issues associated with collegiate and professional sports, as regulated by various professional associations and laws. Discusses eligibility, drug testing, Title IX (sports competition for women), torts, collective bargaining agreements, free agency, salary caps, agent representation, intellectual property rights, relationships between antitrust and labor laws, role of player agents, dispute resolution and player behavior that has led to much tort litigation. Examines issue of race, violence and athletes as role models.

PED227 – Movement & Dance II

3 credits

Catalog Description: Explores traditional modern dance with an emphasis on technique and performance. Includes studio classes in modern dance technique beyond the introductory level focusing on phrasing, musicality, and performance techniques. The class will view modern dance live (when possible) and on video and will discuss text assignments and history research. Course will culminate in the presentation of a lecture/demonstration.

Prerequisite: DAN127/PED 127 or instructor permission.

PED250 – Introduction to Physical Education

3 credits

Catalog Description: Introduces careers in physical education and sport, contemporary concepts, and new approaches to physical education and sport activities. Examines careers in teaching, coaching, sport administration, sport information, and related areas.

PED251 – Introduction to Sports Management

3 credits

Catalog Description: Examines career opportunities within the sport industry and provides knowledge relevant to the management, marketing, legal, and financial operations of sport organizations. Incorporates

management applications in a variety of sport entities including intercollegiate athletics, recreation, event and facility management, health and fitness clubs, professional as well as international sport.

PED255 – Athletic Training

3 credits

Catalog Description: Presents the foundation of athletic training. Studies contemporary principles and methods of conditioning, prevention, and first-aid care of injuries occurring in athletics. Introduces the fundamentals of taping and wrapping techniques, inspection and physical examination, and training room procedures.

PED256 – Athletic Training Practicum I

1 credits

Catalog Description: Provides students with direct experience in injury prevention, treatment, and rehabilitation of athletes under the supervision of an athletic trainer. Prepares students who wish to transfer into a four-year athletic training program. One and one-half class hours. Prerequisites: PED 255 and HED 205 each with a grade of 'C' or higher, and interview with and permission of the College's head athletic trainer during the second half of the student's first semester.

PED257 – Athletic Training Practicum 2

1 credits

Catalog Description: Provides academic and practical experience in injury evaluation and the development and implementation of rehabilitation programs. Prerequisite: PED 256 with a grade of 'C' or higher.

PED258 – Sport Marketing

3 credits

Catalog Description: Introduces students to marketing, promotion and advertisement, sales, and the elements of the marketing mix as they pertain to the sport enterprise, including the coverage of decision making and planning from the sport manager's perspective and sponsorship strategies utilized in the sports industry. Specific topics include: the nature of sport marketing, studies of sport consumers and

consumer behaviors, data based marketing research, the sport product, managing sport brands, licensing, pricing and promotion, sales, electronic media, public relations, and the marketing mix. Also examined will be the legal aspects of sports marketing and ideas for future trends.

PED259 – Beginning Personal Fitness

2 credits

Catalog Description: Focuses on fitness theory, basic fitness training and conditioning techniques, while working toward specific individual fitness goals. Emphasizes basic conditioning routines, proper use of free weights and exercise machines. Students use a specialized training facility and develop a variety of information resources to gain personal knowledge in appropriate fitness conditioning strategies.

PED260 – Hiking, Walking, & Backpacking

2 credits

Catalog Description: Introduces students to the lifetime benefits of hiking, backpacking and walking for Fitness. Focuses on creative exercise programs that fit the individual's needs, interests, abilities and goals. Includes a variety of workout formats and locales.

PED261 – Sport Management Internship

3 credits

Catalog Description: Allows students to practice sport management theory in a practical setting oriented toward professional development, leadership, and management. Provides sport management and administrative work experience (promotions, planning, organization, media support, etc.) in the community. Studies professional character development, communication skills, ethics, and etiquette. Promotes career preparation and provides opportunities for learners to develop skills necessary to become leaders in the athletic profession. Prerequisites: PED 251 & PED 258

PED270 – Exercise Physiology

3 credits

Catalog Description: Provides a basic understanding of energy transfer within the human body and energy expenditure during various levels of physical activity. Explores comparisons between trained and untrained individuals in terms of cardiovascular, pulmonary and muscular adaptations to exercise. Investigates the impact of environmental factors of heat, cold and altitude on training as well as ergogenic aides such as caffeine, carbohydrate loading, bicarbonate drinks, anabolic steroids, red blood cell reinfusion and oxygen inhalation on exercise physiology and exercise performance. Two class hours and two laboratory hours. Prerequisites: BIO 105 and BIO 106 with a grade of "C" or higher.

PED271 – Principles of Coaching

3 credits

Catalog Description: Introduces high school and college level coaching. Presents coaching philosophy, roles and responsibilities, legal requirements, discipline, respect, motivation, practice planning, teaching methodology, conditioning and coaching ethics. Includes New York State mandated Child Abuse Prevention Workshop, SAVE Legislation (Schools Against Violence in Education), Alcohol and Tobacco Use and Abuse, and Signs and Symptoms of Drug Use. Mandated Reporter and SAVE Legislation Certification available.

PED272 – Theory and Techniques of Coaching

3 credits

Catalog Description: Introduces the history of interscholastic athletics in New York State. Presents the objectives, rules, regulations and policies of athletics, as well as performance skills, technical information, and organization and management practices. The special training and conditioning of the athletes in specific sports, the fitting of equipment, specific safety precautions and officiating methods will also be examined. An internship that will include practical experience as a coach in the specific sport and periods of observing other approved

coaches in that specific sport will also be required. Prerequisites: HED 209, and PED 271.

PED273 – Principles Personal Training

3 credits

Catalog Description: Introduces the foundations of personal training. Prepares students for certification in personal training or for pursuing a career in fitness center management. Discusses basic principles including functional anatomy of the human body, biomechanics, exercise physiology, nutrition for performance and health, and weight management techniques. Provides hands-on training in pre-exercise assessment, flexibility assessment, resistance training techniques, and cardiovascular training techniques. Introduces design of an individualized workout plan for varying populations. Prerequisites: PED171, PED172, and PED 255 and prerequisite or corequisite: BIO 150.

PED275 – Personal Training Experience

3 credits

Catalog Description: Promotes opportunity to practice and improve skills to become effective personal trainers. Provides students with direct experience in pre-exercise assessment, flexibility assessment, resistance training techniques, and cardiovascular training techniques. Encourages professional interaction with clientele and opportunities to design and implement fitness and nutritional programs. Prerequisite: PED273.

PED276 – Fitness Concepts & Application

3 credits

Catalog Description: Introduces principles of fitness, exercise physiology, nutrition, program design, and research data through classroom instruction and clinical experience emphasizing fundamental knowledge and skills necessary to help individuals reach their fitness goals. Two class hours, two lab hours. Prerequisite: BIO 150 or BIO152/BIO105.

PED277 – Sport Facility Management

3 credits

Catalog Description: Introduces students to Sport Facility Management, Facility

Development, Facility Systems and Operations, Facility Administration and Event and Activity Management. Specific topics include History and Future of Sport Facilities, Facility Management Basics, Human Resources, Facility Planning, Site, Design and Construction, Maintenance Systems, Sport Facility Operations, Marketing and Sales, Finance and Budget, Legal Responsibilities and Security, and Sport Facility Preparation and Event Management.

PED278 – Tap Dance II

3 credits

Catalog Description: Continues development of technical and performance skills. Includes studio classes in intermediate tap technique as well as observation of tap dance on video, discussion of reading assignments, and presentation of research. Prerequisite: PED 178/DAN 178 or instructor permission.

PED279 – Jazz Dance II

3 credits

Catalog Description: Continues development of jazz technique. Includes studio classes in traditional jazz technique at the intermediate level as well as observation of jazz dance on video and in concert (when possible) and discussion of reading assignments and research. Prerequisite: PED 179/DAN 179 or instructor permission.

PED280 – Teaching Golf Swing Methodology

3 credits

Catalog Description: Examines the differences between the traditional swing style and the modern swing styles. Examines detailed recognition factors for the traditional and modern swing styles. Presents methods for player swing analysis. Provides detailed information on fundamentals through advanced swing elements and a specific method for teaching them. Provides hands on experience in actually taking golf lessons and teaching golf lessons. Lecture/Lab: 3 hours

PED281 – Turf and Pest Management

3 credits

Catalog Description: Presents the identification, use and management of major cool season grasses. Emphasizes the proper procedures used in turf grass establishment, general maintenance and pest management. Provides NYSDEC Pesticide Applicator certification upon successful completion of requirements.

PED282 – Golf Course Management and Planning

3 credits

Catalog Description: Examines all facets of golf course operations and planning. Provides overview of general management including budgeting, staffing and marketing. Emphasizes pro shop management, fleet management, tournament organizations, and seasonal requirements. Lecture/Lab Hours: 3

PED283 – Golf Equipment Design Components

3 credits

Catalog Description: Examines the role of golf club components in golf swing performance. Presents methods for altering existing equipment to conform with unique swing characteristics. Presents methods for club making, repairs, and re-gripping. Provides methods for fitting to various clubs, and presents the key variables in fitting clubs to players. Examines the role of the United States Golf Association in golf club and golf ball conformity. Lecture/Lab: 3 hrs.

PED285 – Exercise Physiology

4 credits

Catalog Description: Examines the functional capacity and the adaptations of the human body to the demands of sport and exercise. Metabolic, cardiovascular, and neuromuscular adjustments in relationship to exercise of varying intensities and duration will be studied. Additional topics include the relationship between physical activity and various diseases, as well as, the effects of ergogenic aids commonly used in sport and exercise.

PED293 – Introduction to West African Dance

3 credits

Catalog Description: Provides an exploration of West African dance techniques and performing arts focusing on the dances of Liberia, Ghana, Senegal, and Guinea. Emphasizes alignment, develops the ability to self-correct and replicate sophisticated movement sequences, develops comprehension of polyrhythms in music and movement, and prepares students to perform West African dance for social settings, as well as the stage. Explores the contextualization of performing arts within the African Diaspora. Introduces basic elements and fundamentals of musical rhythms produced by significant percussion instruments.

PED296 – Dance for Musical Theatre

3 credits

Catalog Description: Introduces student to contemporary/popular musical theatre movement techniques and choreographers. Surveys history and aesthetics of the time period selected through studio work, video, film, text and discussion. Includes rehearsal and performance of a final dance project.

PED297 – Competitive Men's Lacrosse Fundamentals 1

2 credits

Catalog Description: Focuses on advanced lacrosse skill development, competition techniques and strategy for highly skilled, first-year participants in competitive men's lacrosse. Three class hours. Prerequisite: Permission of instructor.

PED298 – Competitive Men's Lacrosse Fundamentals 2

2 credits

Catalog Description: Focuses on advanced lacrosse skill development, competition techniques and strategy for highly skilled, second-year participants in competitive men's lacrosse. Three class hours. Prerequisite: PED 297.

Philosophy

PHI101 – Introduction to Philosophy

3 credits

Catalog Description: Introduces major ideas and philosophers of the Western Hemisphere. Defines and analyzes a number of these ideas and develops a historical progression.

PHI102 – Logic

3 credits

Catalog Description: Introduces principles of good argument and techniques developed by logicians for use in mathematics, philosophy, and the other sciences. Practices defining and solving problems in informal fallacies, logical reasoning and symbolic expression.

PHI103 – Ethics

3 credits

Catalog Description: Engages in dialog to work toward a definition of good and evil as expressions of society's evolving values. Examines a variety of controversial moral issues from daily experience and explains the contradictory solutions people reach by appealing to different philosophical premises.

PHI104 – Philosophy of Religion

3 credits

Catalog Description: Engages in dialectic among students and demonstrates the art of countering an argument with an argument. Enquires into the meaning, nature, and problems concerning the existence of God and the religious experience. Explores both evidential and non-evidential justifications for the existence of God, as well as atheistic justification for the non-existence of God.

Pharmacology

PHM122 – Pharmacology

3 credits

Catalog Description: Presents essential concepts of pharmacology. Designed to promote the use of critical thinking in the application of drug therapy. Emphasis is placed on the integration of pharmacologic principles, legal responsibilities of the nurse and the nursing process. Prerequisite: BIO152 and NUR 110. Co-requisite or pre-requisite: NUR 120 and BIO 153.

Photography

PHO103 – Introduction to Black & White Photography

3 credits

Catalog Description: Presents fundamentals of camera operation and principles of visualization and composition. Emphasizes darkroom procedures, film processing, and selective printing techniques. Two class hours, two lab hours. Students must provide their own photographic supplies.

PHO105 – Intermediate Photography

3 credits

Catalog Description: Explores precise control of exposure, image processing workflow, and location/studio lighting techniques. Discusses artistic and commercial aspects of photography. Portfolio Development. Two class hours, two lab hours. Students must provide their own fully adjustable manual shutters speed and aperture camera and photographic supplies. Prerequisite: COM103 or PHO 103 or COM118 or PHO 118.

PHO118 – Introduction to Digital Photography

3 credits

Catalog Description: Presents the fundamentals of digital image capture using cameras and scanners. Emphasizes the making of images and the interpretation of their character in terms of subject and form: Classical photography with digital technology. Emphasizes the post-production work needed to bring images to an audience electronically, rather than intensive post-production experience with image manipulation, special effects, "new media," or animation. Student to supply his or her own adjustable manual shutters speed and aperture digital camera and photographic supplies, batteries, memory cards and any necessary hardware accessories or software accessories to make the camera functional. Two class hours, two lab hours.

Physics

PHY100 – How Things Work

3 credits

Catalog Description: Explores the physical world and its impact on human life, including the basic principles of mechanics, thermodynamics, electricity, magnetism, waves, optics, and atomic physics. Recommended for students pursuing nontechnical majors. Two class hours and two laboratory hours. Prerequisite: Basic arithmetic skills equivalent to MAT091.

PHY110 – Technical Physics

4 credits

Catalog Description: Introduces statics (forces vectors and torques on stationary structures), kinematics (the description of linear and rotational motion), the laws of motion, work and energy, power, electricity, waves, gas law, heat and optics. Emphasizes practical problem solving. A noncalculus-based physics course recommended for students in technical programs. Three class hours and three lab hours. Prerequisite: MAT121 or equivalent.

PHY121 – College Physics 1

4 credits

Catalog Description: An algebra/trigonometry based introduction to physics for career or transfer students with majors somewhat, but not closely, related to physics. Topics include one and two dimensional motion, Newton's laws, energy, momentum, rotation, statics, fluid mechanics, heat and thermodynamics, and special relativity. Three class hours, three lab hours. Fall only. Prerequisite: MAT 121 or MAT 136 or higher or by placement.

PHY122 – College Physics 2

4 credits

Catalog Description: An algebra/trigonometry based introduction to physics for career or transfer students with majors somewhat, but not closely, related to physics. Topics include Coulomb's law, potential, Kirchhoff's laws, capacitance, magnetic fields, induction, RC, RL and LC circuits, alternating currents, sound, electromagnetic waves, standing waves,

interference, optics, atomic and nuclear physics. Three class hours, three lab hours. Spring only. Prerequisite: MAT 121 or MAT 136 or higher or by placement.

PHY131 – Physics With Calculus 1

4 credits

Catalog Description: Introduces fundamental principles of physics. Includes one and two dimensional motion, Newton's laws, energy, momentum, rotation, statics, harmonic motion, waves, gravitation, fluid mechanics, heat, and ideal gases. A calculus based physics course for students in science and engineering related programs. Three class hours, three lab hours. Fall only. Prerequisite or corequisite: MAT 141 or higher or by placement.

PHY132 – Physics With Calculus 2

4 credits

Catalog Description: Introduces electric fields of discrete and continuous charges, Gauss's law, potential, DC circuits, capacitance, magnetic fields, Ampere's law, induction, Maxwell's equations, AC circuits, and thermodynamic processes and laws. Three class hours, three lab hours. Spring only. Prerequisites: PHY131 and MAT 142 (MAT 142 can be taken concurrently with PHY 132).

PHY133 – Physics With Calculus 3

4 credits

Catalog Description: Introduces waves, standing waves, optics, interference and diffraction, electromagnetic waves, special relativity, wave-particle duality, the Bohr atom, wave functions, Schrodinger's equation and hydrogen molecules, solids, radioactivity and nuclear physics, and elementary particles. Three class hours, three lab hours. Spring only. Prerequisite or corequisite: PHY 132.

PHYLB6 – College Physics 2 Lab

0 credits

Catalog Description: This is the required lab for PHY 122, College Physics 2.

Paralegal

PLG114 – Introduction to Legal Studies

3 credits

Catalog Description: Introduces structure and procedures of the American federal and state judicial systems, the legislative process, legal reasoning and research, the litigation process, and several substantive areas of law. Includes the canons of legal ethics and the role and responsibilities of a paralegal.

PLG116 – Commercial Law

3 credits

Catalog Description: Provides in-depth analysis of contract law. Introduces Article 2 of the Uniform Commercial Code, agency relationships, and sole proprietorships, partnerships and corporations. Prerequisite: PLG 114 or consent of program director. Students cannot earn credit for both PLG116 and for either BUS205 or BUS206.

PLG122 – Tort Law

3 credits

Catalog Description: Examines the principles of premises and personal liability, including intentional tort law, negligence law, product liability, strict liability, mass tort liability and affirmative defenses to causes of action sounding in tort liability.

PLG125 – Civil Litigation

3 credits

Catalog Description: Examines civil procedure in state and federal courts and provides indepth analysis of the litigation process emphasizing the function of the paralegal within the process. Applies the rules of civil procedure by analyzing fact patterns, drafting pleadings, and organizing information for trial preparation. Prerequisite: PLG 114 or consent of the program director

PLG201 – Legal Research and Writing

4 credits

Catalog Description: Uses a law library, performs legal research, analyzes legal problems, and writes a legal memorandum. Locates and uses both primary and secondary legal resources to

solve legal problems and to present solutions in the appropriate legal format. Introduces use of databases and the Internet as legal research tools and resources. Prerequisite: PLG 114 and ENG102, or consent of the program director.

PLG221 – Real Estate Law

3 credits

Catalog Description: Examines the law of real property including the common types of concurrent ownership, surveys, easements, encumbrances, zoning ordinances, real estate contracts, mortgages, deeds, title examination, title insurance, closing preparation, closing documents and leases. Prerequisite: PLG 114 or the consent of program director.

PLG225 – Trusts and Estates

3 credits

Catalog Description: Study the essential legal requirements of last wills and testaments, trusts and estate planning. Procedures for the probate and administration of estates will be covered in detail. Prerequisite: PLG114 or consent of program director.

PLG227 – Debtor and Creditor Law

3 credits

Catalog Description: Introduces federal bankruptcy law and procedure. Examines the rights and obligations of debtors and creditors, and prepares petitions for both (Chapter 7) liquidation bankruptcies and (Chapter 13) consumer debt relief plans. Prerequisite: PLG 114 or consent of program director.

PLG231 – Family Law

3 credits

Catalog Description: Examines the laws of marriage, separation, annulment, divorce, paternity and adoption, with special attention given to spousal support, property distribution, child support, child custody and visitation. Emphasizes document preparation and court procedures. Prerequisite: PLG 114 or consent of the program director.

PLG253 – Paralegal Internship

3 credits

Catalog Description: Provides opportunity to use and refine paralegal, organization and communication skills in a supervised, law-related work site. Prerequisite: An overall average of C or better in all paralegal courses and a grade of B or higher in PLG 201, and consent of the program director.

PLG254 – Paralegal Internship

1 credits

Catalog Description: Provided opportunity to use and refine paralegal, organization and communication skills in a supervised, law-related work site. Prerequisite: PLG 253 and the consent of the Program Director.

PLG255 – Paralegal Internship

2 credits

Catalog Description: Provided opportunity to use and refine paralegal, organization and communication skills in a supervised, law-related work site. Prerequisite: PLG 253 and the consent of the Program Director.

Portuguese

POR101 – Elementary Portuguese I

3 credits

Catalog Description: Develops Portuguese listening, speaking, reading and writing skills. Emphasizes ability to use and understand Portuguese in context with a particular emphasis on Portuguese. Strategies may include lecture/discussion, group and individual work, oral exercises, video, reading and writing assignments. Requires laboratory-supported practice. Students hold basic conversations, read simple passages, and write brief dialogues and paragraphs at the novice level. Instructor determines final placement.

Political Science

POS101 – American Government

3 credits

Catalog Description: Introduces constitutional development and present practice of American government. Emphasizes the functional operation of the legislative, executive, and

judicial branches of government. Examines the role of political parties and the individual.

POS103 – American State and Local Government

3 credits

Catalog Description: Introduces organization, structure, and function of state, county, regional, and municipal government, with special attention given to New York State government.

POS105 – Rights, Liberties, and Justice

3 credits

Catalog Description: Examines the role of the U.S. Supreme Court as guardian and interpreter of the Constitution. Situates landmark cases within their historical and political context, and builds the critical thinking skills necessary for students to reflect on the significance of the Court's rulings for their own lives.

POS106 – Comparative Politics

3 credits

Catalog Description: Introduces basic concepts and theories of comparative politics through an analysis of selected political systems and governments in Western and non-Western societies. Topics will include ideology, political culture, institutional development, interest group politics, political participation, decision-making, and economic development. Emphasizes the application of social science research skills with a focus on the comparative method.

POS107 – American Political Parties

3 credits

Catalog Description: Introduces the theoretical and practical perspectives of American political parties. Examines the origin, structure and operation of the parties. Students participate in an actual political campaign. Offered every other year to correspond to state and national elections. NOTE: Students wishing to use this course to fulfill the SUNY General Education requirement in American History are required to meet one of the following criteria: successful completion of HIS 203 or HIS 204; score 85 or better on the New York State Regents American History and Government examination; or earn a

score of 3 or better on the AP United States history examination.

POS110 – Politics of the Developing World

3 credits

Catalog Description: Provides comparative and historical insights into the problems affecting the developing world by examining social, economic and political changes in Africa, Asia, and Latin America. Discusses topics such as colonization, independence, statehood, regime-type, and the problems of underdevelopment. Introduces and applies the basic concepts and research methods used in comparative politics through the critical analysis of problems facing developing countries in an increasingly globalized world.

POS203 – International Relations

3 credits

Catalog Description: Examines the collective interactions of a range of actors on the global stage from nations and states to non-governmental organizations and multinational corporations. Introduces and applies theories and concepts to help students discern recurring patterns. Topics include the rise and decline of great powers, nuclear proliferation, terrorism, the globalization of trade and finance, global inequalities, human rights, and ecological sustainability.

POS210 – The American Presidency

3 credits

Catalog Description: Examines the historical foundations, theoretical aspects, and the powers of the presidency. Students will explore the various models of presidential power, the major issues scholars are investigating, and will complete a project based on observation, hypothesis development, collection of data, evaluation of evidence, and interpretive analysis. (This course will only be offered in the spring semester of a presidential election year.)

Professionalism

PRF101 – Introduction to Professionalism

3 credits

Catalog Description: Provides the foundation to develop professionally. Includes fundamental guidelines, techniques, and skill building practices for professional success, and topics such as work ethics, career strategies, and human relations in the workplace. Prerequisite: 24 credit hours.

Polysomnography Technology

PSG105 – Physiology of Sleep Medicine

3 credits

Catalog Description: Provides a comprehensive study of neuroanatomy and physiology and normal sleep mechanisms. Provides an overview of the cardiovascular and respiratory anatomy and physiology as it relates to sleep medicine. Includes ECG interpretation, oxygenation and ventilation assessment, and mechanisms and basic management of breathing and upper airway collapse. Prerequisite: Admission to the Polysomnographic Technology Program. Prerequisite or corequisite: BIO150 or 152.

PSG110 – Polysomnography 1

3 credits

Catalog Description: Introduces the major concepts of sleep medicine including the history of sleep medicine, the role and the communication, time management, infection control, basic patient assessment, safety and professional expectations of the polysomnographic technologist. Students will have the opportunity to have direct observation in an associated sleep center or lab. Prerequisite: Admission to the Polysomnographic Technology Program. Prerequisite or corequisite: BIO150 or BIO152; corequisite: PSG LB1

PSG114 – Sleep Study Instrumentation

3 credits

Catalog Description: Introduces the bio-potential electrophysiologic, polysomnographic, and ancillary equipment involved in patient assessment and the conducting of sleep studies. The basic principles, set up, operation, maintenance, cleaning and troubleshooting will be emphasized. Prerequisites: PSG 105, PSG

110, and PSG LB1 each with a grade of 'C' or higher. Prerequisite or corequisite: BIO 150 or BIO 152; corequisite: PSG LB2.

PSG116 – Sleep Disorders

3 credits

Catalog Description: This course is designed to provide the basic information related to the disease processes and conditions which adversely affect sleep. The etiologies, clinical presentation, diagnosis and therapeutic interventions will be covered for each condition. Prerequisites: PSG 105, PSG 110 and PSG LB1 each with a grade of 'C' or higher. Prerequisite or corequisite: BIO 150 or BIO 152 or BIO 153.

PSG120 – Polysomnography 2

3 credits

Catalog Description: Provides the didactic preparation that will be needed to supplement the clinical experiences of Polysomnography Clinical I. Students will develop new knowledge and skills related to patient and equipment preparation, monitoring and documentation and therapeutic interventions associated with polysomnographic procedures. Prerequisite: PSG 105, PSG 110, and PSG LB1 each with a grade of 'C' or higher. Prerequisite or corequisite: BIO 150 or BIO 152 or BIO 153; corequisite: PSG LB3.

PSG205 – Polysomnography Clinical 1

4 credits

Catalog Description: The clinical application of entry-level sleep related diagnosis and treatment. Students will have the opportunity to work with patients under close supervision to further develop their skill and understanding of basic polysomnographic procedures. Prerequisites: PSG 114, PSG LB2, PSG 116, and PSG 120, PSG LB3 each with a grade of 'C' or higher.

PSG212 – Polysomnography III Infant/Pediatric

3 credits

Catalog Description: Provides the didactic preparation that will be needed to supplement the clinical experiences of Polysomnography

Clinical II. Students will refine knowledge and skills related to the normal development of sleep pattern from infancy to adolescence and demonstrate the ability to identify specific sleep disorders found infants and children as well as score pediatric sleep stages and respiratory patterns. Emphasis is placed on Infant/Pediatric assessment, monitoring, and sleep disorders. Upon completion, students should be to demonstrate competence in concept through written and laboratory evaluations. Prerequisites: PSG 105, PSG110, PSG LB1, PSG 114, PSG LB2, PSG 116, PSG 120, and PSG LB3 each with a grade of 'C' or higher.

PSG215 – Polysomnography Clinical 2

4 credits

Catalog Description: The clinical application of sleep related diagnosis and treatment. Students will have the opportunity to further refine their skills in obtaining and evaluating high quality sleep recordings and gaining clinical competence associated with advanced-level polysomnographic technology skills. Prerequisite: PSG 205 with a grade of 'C' or higher.

PSG220 – Polysomnography 4

4 credits

Catalog Description: A capstone experience to facilitate final preparation for employment and the BRPT examination for the RPSGT credential. Students will demonstrate knowledge and skill competency attainment expected of a polysomnographic technologist. Students will also be required to pass a comprehensive exam based on the current BRPT matrix. Prerequisites: PSG 205 and PSG 212 with a grade of 'C' or higher.

PSGLB1 – Lab for PSG 110

1 credits

Catalog Description: PSG LB1 is the application of didactic instruction for PSG110 and a required co-requisite. Skills and performance in PSG LB1 are assessed as a component of PSG 110 and therefore, must be successfully completed in

addition to all the requirements for PSG 110; Co-requisite: PSG 110.

PSGLB2 – Lab for PSG 114

1 credits

Catalog Description: PSG LB2 is the application of didactic instruction for PSG114 and a required co-requisite. Skills and performance in PSG LB2 are assessed as a component of PSG 114 and therefore, must be successfully completed in addition to all the requirements for PSG 114.

Prerequisites: PSG105, PSG110, PSGLB1; Co-requisite: PSG114.

PSGLB3 – Lab for PSG 120

1 credits

Catalog Description: PSG LB3 is the application of didactic instruction for PSG120 and a required co-requisite. Skills and performance in PSG LB3 are assessed as a component of PSG 120 and therefore, must be successfully completed in addition to all the requirements for PSG 120;

Prerequisite: PSG105, PSG110, PSGLB1; Co-requisite: PSG120.

Psychology

PSY101 – General Psychology

3 credits

Catalog Description: Introduces the scientific study of human and animal behavior. Topics include basic methodology, motivation, emotion, learning, memory, human development, personality, psychological disorders, and therapy. Prerequisite: completion of the Genesee Community College reading proficiency.

PSY103 – Abnormal Psychology

3 credits

Catalog Description: Surveys mental and behavioral disorders observed in western society. Explores causes of disorders, characteristic symptoms, treatment of disorders, historical perspectives, diagnosis and classification, and relevant research.

Prerequisite: PSY 101.

PSY106 – Human Sexuality

3 credits

Catalog Description: Comprehensive survey of research in human sexuality. Topics include childhood and adolescent sexuality, marital and extramarital sex, sexual orientation, self-pleasuring, pornography, prostitution, and the sexuality of the elderly. Presents the research methodology employed in this field and the fundamental findings that have been discovered. Fall only.

PSY201 – Social Psychology

3 credits

Catalog Description: Examines individual behavior in social settings. Discusses research methodology, social cognition, attitudes, group behavior, social influence, prejudice, aggression, altruism, and interpersonal attraction.

Prerequisite: PSY101 or SOC101.

PSY202 – Abnormal Psychology

3 credits

Catalog Description: Surveys mental and behavioral disorders observed in western society. Explores causes of disorders, characteristic symptoms, treatment of disorders, historical perspectives, diagnosis and classification, and relevant research.

Prerequisite: PSY101.

PSY203 – Dev Psychology Across Lifespan

3 credits

Catalog Description: A study of the development of human behavior throughout the life cycle (conception to death). Emphasizes the principles of physical, social/emotional, and cognitive development as well as the interaction of heredity and the environment. Prerequisite: PSY 101.

PSY204 – Psychology of Adulthood and Aging

3 credits

Catalog Description: Analyzes theories and research in adult development. Emphasizes the interactive effects of all areas of development along with the interaction of heredity and environment. Prerequisite: PSY101.

PSY210 – Child Development

3 credits

Catalog Description: This course reviews human cognitive, psychosocial, and physical/motor development from conception through pre-adolescence. Effects of the interaction of heredity and environment are considered, with special emphasis upon the latter. Prerequisite: PSY 101.

PSY211 – Adolescent Development

3 credits

Catalog Description: Examines the unique nature and course of adolescent development including biological, cognitive, emotional and social development within the contexts of family, peers, school and society. Emphasizes the interactive effects of heredity and environment on all aspects of development, with special emphasis on the latter. Prerequisite: PSY 101

PSY250 – Statistics for the Social Sciences

3 credits

Catalog Description: Presents an overview of techniques used by social scientists for organizing, computing, interpreting, presenting and reporting data in American Psychological Association (APA) documentation style. Emphasis will be on analysis within the context of social science research paradigms. Specific topics include: measures of central tendency, variability, and shape; tests of association and inference. Prerequisites: PSY 101 and completion of the Genesee Community College Math Proficiency. (Note: MAT 108, MAT 116, and MAT 117 are not accepted.)

Physical Therapist Assistant

PTA101 – Physical Therapy Interventions 1

3 credits

Catalog Description: Introduces medical terminology, common pathologies, abbreviations, and documentation pertinent to the role of the physical therapist assistant. Develops skills for fundamental physical therapy treatments. Includes draping and positioning of patients, transferring and lifting of patients, palpation of anatomical landmarks, goniometry, massage,

gait training with assistive devices, and utilization of selected thermal agents. Prerequisite:

Acceptance into the PTA program. Corequisites: PTA 106 and PTA LB1.

PTA102 – Physical Therapy Interventions 2

3 credits

Catalog Description: Acquires cognitive and psychomotor skills in orthopedics, therapeutic exercises, traction, intermittent compression, ultrasound and hydrotherapy. Integrates knowledge of clinically relevant pathological conditions into treatment of orthopedic patients with co-morbidities. Prerequisites: BIO 152, PTA101, PTALB1 and PTA 106 each with a grade of 'C' or higher. Corequisite: PTA LB2.

PTA106 – Introduction to Physical Therapy

2 credits

Catalog Description: Introduces interpersonal skills and professionalism relevant to the health care environment. Addresses interactions between PTA and patients, therapists, and other health care team members. Advances concepts of social and cultural competency, confidentiality, and professional responsibilities. Addresses state laws and professional therapy association positions and their integration into clinical policies and procedures. Covers computer literacy, on-line medical research, effective study skills, and continuing professional development. Prerequisite: Acceptance into the PTA program. Co-requisites: PTA 101 and PTALB1.

PTA110 – Kinesiology

2 credits

Catalog Description: Introduces mechanical concepts (e.g., force and torque) integral to the understanding of resisted exercise systems. Explores selected biomechanical principles, especially those related to musculoskeletal performance during exercise and gait. Includes regional functional anatomy, with emphasis on normal joint and muscle function, clinical pathologies, and acquisition of skill in palpating superficial anatomic structures. Prerequisite: BIO 152 with a grade of 'C' or higher. Corequisite: PTALB3.

PTA121 – Clinical Experience 1

3 credits

Catalog Description: The student will apply physical therapy procedures to patients, under the supervision of a licensed physical therapist or physical therapist assistant, at a physical therapy clinical affiliation site. Emphasis is placed on safe, professional, ethical, and competent treatment implementation and patient interactions. Students will develop personal communication skills and take an active role and responsibility for their professional development. Prerequisites: PTA 102, PTALB2, PTA 110, PTA LB3 and BIO 153 each with a grade of "C" or better. Student must have current certification in Adult & Pediatric 1st Aid/CPR/AED or equivalent.

PTA202 – Applied Neurology

3 credits

Catalog Description: Provides a basic understanding of how the human nervous system works and explores common neuropathies that impair health and functioning. Presents clinically relevant aspects of normal neuroanatomy and basic neurophysiology as a background for understanding disorders of the human nervous system. Assists in comprehending important clinical concepts related to abnormal neurological conditions in order to substantiate therapeutic rationale for physical therapy treatment techniques taught in the PTA curriculum. One lecture and two seminar hours a week. Prerequisite: BIO152. Corequisite: PTA203 and PTALB4.

PTA203 – Physical Therapy Interventions 3

3 credits

Catalog Description: Explores principles of pain control, electrically induced exercise and cardiopulmonary rehabilitation. Develops treatment skills in clinical electrotherapy, ultrasound, ultraviolet radiation, chest physical therapy, and cardiac rehabilitation. Integrates knowledge of clinically relevant pathological conditions into treatment of cardiopulmonary patients with co-morbidities. Prerequisites: PTA102, PTALB2 and BIO 153 with grade of "C" or higher.

PTA207 – Physical Therapy Assistant Seminar 2

1 credits

Catalog Description: Provides an integrative experience in critical analysis of the student's clinical experiences during the final term in the PTA curriculum. Emphasizes the refinement of interpersonal communication skills with patients from diverse backgrounds, current and developing issues affecting clinical practice, and pre-employment issues. Prerequisite: PTA203. Corequisite: PTA208.

PTA208 – Physical Therapy Interventions 4

3 credits

Catalog Description: Explores principles of motor behavior in neurological rehabilitation, pediatrics and geriatrics. Emphasizes motor control, motor learning, and neurological therapeutic exercises. Addresses architectural barriers, training in daily living activities, orthotics and prosthetics. Integrates knowledge of clinically relevant pathological conditions into treatment of neurological patients with co-morbidities. Prerequisite: PTA203 and PTALB4 with a grade of "C" or better.

PTA222 – Clinical Experience 2

4 credits

Catalog Description: The student will apply physical therapy procedures to patients under the supervision of a licensed physical therapist or physical therapist assistant at a physical therapy clinical affiliation site. The student will be expected to expand on the skills developed during their first clinical experience. Emphasis is placed on safe, professional, and competent treatment implementation and patient interactions. Students will continue to develop personal communication skills and are responsible for continued professional development. Prerequisite: PTA 121, PTA 202, PTA 203, and PTALB4 each with a grade of 'C' or higher. Student must have current certification in Adult & Pediatric 1st Aid/CPR/AED or equivalent.

PTA223 – Clinical Experience 3

5 credits

Catalog Description: The student will apply physical therapy assessments and interventions to patients / clients under the supervision of a licensed physical therapist or physical therapist assistant at a physical therapy clinical affiliation site. The student will be expected to expand on the skills developed during their first two clinical experience and didactic instruction. Emphasis is placed on reaching entry-level performance in preparation for entrance into the work force. The student will educate clinic staff through a professional in-service on a topic appropriate for the clinical setting. Student must have current certification in Adult & Pediatric 1st Aid/CPR/AED or equivalent.

PTALB1 – Lab for PTA101

2 credits

Catalog Description: PTA LB1 is the application of didactic instruction for PTA101 and a required co-requisite. Skills and performance in PTA LB1 are assessed as a component of PTA 101 and therefore, must be successfully completed in addition to all the requirements for PTA 101. Co-requisites: PTA101 and PTA106

PTALB2 – Lab for PTA102

2 credits

Catalog Description: PTA LB2 is the application of didactic instruction for PTA102 and a required co-requisite. Skills and performance in PTA LB2 are assessed as a component of PTA 102 and therefore, must be successfully completed in addition to all the requirements for PTA 102. Co-requisite: PTA 102

PTALB3 – Kinesiology Lab

1 credits

Catalog Description: PTALB3 is the application of didactic instruction for PTA110 and a required co-requisite. Skills and performance in PTALB3 are assessed as a component of PTA110 and therefore, must be successfully completed in addition to all the requirements for PTA110. Co-requisite: PTA110

PTALB4 – Lab for PTA203

2 credits

Catalog Description: PTALB4 is the application of didactic instruction for PTA203 and a required co-requisite. Skills and performance in PTALB4 are assessed as a component of PTA203 and therefore, must be successfully completed in addition to all the requirements for PTA203. Co-requisite: PTA203

PTALB5 – Lab for PTA208

2 credits

Catalog Description: PTALB5 is the application of didactic instruction for PTA208 and a required co-requisite. Skills and performance in PTALB5 are assessed as a component of PTA208 and therefore, must be successfully completed in addition to all the requirements for PTA208. Co-requisite: PTA208.

Respiratory Care

RCP101 – Respiratory Care 1

2 credits

Catalog Description: Introduces major concepts of respiratory care, including cardiopulmonary assessment, oxygen therapy, pulmonary function testing, and the therapeutic rationale for these procedures. Laboratory includes hands-on practice of respiratory care procedures and critical thinking skills. Prerequisite or corequisite: BIO 152 with a grade of 'C' or higher. Corequisite: RCP LB1.

RCP103 – Cardiopulmonary Anatomy/Physiology

3 credits

Catalog Description: Examines the control and function of the cardiopulmonary system and how it relates to other body organ systems. Explores cardiac and pulmonary physiology and pathophysiology in the neonatal, pediatric, adult, and geriatric patient. Prerequisite or corequisite: BIO 105 or BIO 152 with a grade of 'C' or higher.

RCP106 – Respiratory Care Clinical Practice 2

1 credits

Catalog Description: Opportunity to practice cardiopulmonary assessments, respiratory care procedures, critical thinking, and professionalism in a supervised clinical rotation at an area hospital. 128 clinical hours. Prerequisite RCP112.

RCP107 – Respiratory Pharmacology

1 credits

Catalog Description: Introduces general and specific respiratory pharmacological principles, including drug calculations, the autonomic nervous system, and delivery methods. Explores drugs used in the treatment of asthma, chronic bronchitis, chronic obstructive pulmonary disease (COPD) and other pulmonary disorders.

RCP108 – Medical Terminology for Health Studies

1 credits

Catalog Description: Provides an overview of medical terminology. This includes prefixes, suffixes, word roots, terms, and abbreviations.

RCP109 – Cardiopulmonary Physiology

3 credits

Catalog Description: Examines the control and function of the cardiopulmonary system and how it relates to other body organ systems. Explores cardiac and pulmonary physiology and pathophysiology in the neonatal, pediatric, adult, and geriatric patient. Prerequisite or corequisite: BIO105.

RCP110 – Introduction to Respiratory Care

4 credits

Catalog Description: Introduces major concepts of respiratory care, including cardiopulmonary assessment, oxygen therapy, pulmonary function testing, and the therapeutic rationale for these procedures. Laboratory includes hands-on practice of respiratory care procedures and critical thinking skills. Three class hours and two laboratory hours Prerequisite or corequisite: BIO105

RCP112 – Mechanical Ventilation

5 credits

Catalog Description: Introduces principles, effects, and classification of mechanical ventilation. Discusses current theory relative to modes, initiation, monitoring, management, weaning from life support, and home ventilator issues. Four lecture, three lab hours. Prerequisites: RCP109 and RCP110.

RCP114 – Respiratory Care 2

2 credits

Catalog Description: Provides rationale and delivery of airway management, bronchial hygiene therapy, hyperinflation therapy, humidity and aerosol medication procedures. Prerequisite or corequisite: BIO153 and BIO201 each with a grade of 'C' or higher. Prerequisites: RCP101, RCPLB1 and RCP103 each with a grade of 'C' or higher. Corequisite: RCPLB2.

RCP115 – Mechanical Ventilation 1

2 credits

Catalog Description: Introduces the principles, effects, and classification of mechanical ventilation. Discusses current theory relative to modes, initiation, monitoring, and graphical interpretation. Corequisite RCPLB3. Prerequisites: RCP101, RCPLB1 and RCP103 with a grade of 'C' or higher. Prerequisites or corequisites: BIO153 and BIO201 with a grade of 'C' or higher.

RCP116 – Mechanical Ventilation 2

1 credits

Catalog Description: A continuation of RCP115. Discusses current theory in the management of a patient on mechanical ventilation, weaning from life support, and home care ventilation issues. Case studies involving all aspects of RCP115 and RCP116 in the management of multiple disease states and trauma care. Corequisite: RCPLB4. Prerequisite: RCP114 and RCP115 each with a grade of 'C' or higher.

RCP117 – Respiratory Pharmacology

1 credits

Catalog Description: Introduces general and specific respiratory pharmacological principles, including drug calculations, the autonomic nervous system, and delivery methods. Explores

drugs used in the treatment of asthma, chronic bronchitis, chronic obstructive pulmonary disease (COPD) and other pulmonary disorders. Prerequisites RCP114 and RCP115 with a C or better Lecture: 1 hr.

RCP118 – Clinical Practice 1

2 credits

Catalog Description: Opportunity to practice cardiopulmonary assessments, respiratory care procedures, critical thinking, and professionalism in a supervised clinical rotation at an area hospital. Prerequisite RCP114 and RCP115 each with a grade of 'C' or higher.

RCP202 – Cardiopulmonary Pharmacology

2 credits

Catalog Description: Introduces general pharmacological principles and management relative to the cardiopulmonary system. Includes management and treatment of specific cardiopulmonary disorders and drugs used in advanced cardiac life support (ACLS). Prerequisite: RCP117.

RCP203 – Neonatal and Pediatric Respiratory Care

3 credits

Catalog Description: Explores neonatal and pediatric respiratory care beginning with the developmental changes in utero, the transition at birth, and the continuing development thereafter. Examines the risks and problems associated with these developments and the procedures and rationales for delivering the appropriate respiratory care. Reviews specific neonatal and pediatric disease states, and their treatment relative to respiratory care. Prerequisite: RCP116, RCP 117, and RCP 118 each with a grade of 'C' or higher.

RCP204 – Cardiopulmonary Disease

2 credits

Catalog Description: Examines categories of pulmonary diseases including etiology, detection, management, treatment, and prognosis. Prerequisite: RCP114 and RCP 116 each with a grade of 'C' or higher.

RCP206 – Clinical Practice 4

3 credits

Catalog Description: Provides respiratory care clinical experiences in home care, hyperbaric oxygen therapy, neonatal/pediatric intensive care, pulmonary rehabilitation, long-term care and adult critical care sites. Fine-tunes cardiopulmonary assessment skills by applying four academic terms of respiratory care knowledge to patient care. Specialized supervised respiratory care rotations (384 hours required). Prerequisite: RCP215.

RCP209 – Cardiopulmonary Diagnostics

3 credits

Catalog Description: Introduces equipment used to monitor patients and diagnose cardiopulmonary diseases. Interprets clinical information obtained from pulmonary function testing, electrocardiography, and hemodynamics. Prerequisite: RCP114 and RCP 116 each with a grade of 'C' or higher.

RCP210 – Clinical Practice2

3 credits

Catalog Description: Provides respiratory care clinical experiences at specialty sites such as hospital operating rooms, sleep medicine clinics, and pulmonary function testing areas. Applies cardiopulmonary assessment, critical thinking and respiratory care knowledge to adult patients. Requires demonstration of knowledge by completing a mock certification exam. Supervised respiratory care at adult critical care rotation sites. Prerequisite: RCP118 with a grade of 'C' or higher.

RCP215 – Clinical Practice III

3 credits

Catalog Description: Provides respiratory care clinical experiences at specialty sites such as hospital operating rooms, sleep medicine clinics, and pulmonary function testing areas. Applies cardiopulmonary assessment, critical thinking and respiratory care knowledge to adult patients. Requires demonstration of knowledge by completing a mock certification exam. Supervised respiratory care at adult critical care

rotation sites (384 hours required). Prerequisite: RCP106.

RCP216 – Clinical Practice 3

3 credits

Catalog Description: Provides respiratory care clinical experiences in home care, hyperbaric oxygen therapy, neonatal/pediatric intensive care, pulmonary rehabilitation, long-term care and adult critical care sites. Fine-tunes cardiopulmonary assessment skills by applying four academic terms of respiratory care knowledge to patient care. Specialized supervised respiratory care rotations (384 hours required). Prerequisite: RCP210 with a grade of 'C' or higher.

RCP218 – Respiratory Care 3

2 credits

Catalog Description: Reinforces the total respiratory education through the use of prior national board exam questions in an interactive format. Introduces teaching skills through preparation and presentation of a classroom lecture. Requires demonstration of knowledge by completing a mock registry exam. Prerequisite: RCP 210 with a grade of 'C' or higher.

RCP219 – Introduction to Sleep Medicine

3 credits

Catalog Description: An overview of the sleep disorders most commonly seen in the polysomnography laboratory. Discusses the causes and symptoms of each and presents specific features which will be seen in the polysomnogram and multiple sleep latency test. Stresses the importance of obtaining an accurate assessment, including an in depth patient history, and pertinent clinical data by way of the polysomnography test. Also presents the clinical differences in these disorders among pediatric and adult patients. 3 Credit hours

RCPLB1 – Lab for RCP101

1 credits

Catalog Description: RCPLB1 is the application of didactic instruction for RCP101 and a required co-requisite. Skills and performance in RCPLB1 are assessed as a component of RCP101 and

therefore must be successfully completed in addition to all the requirements for RCP101. Corequisite: RCP101. Prerequisite or corequisite: BIO152 with a grade of 'C' or higher.

RCPLB2 – Lab for RCP114

1 credits

Catalog Description: RCPLB2 is the application of didactic instruction for RCP114 and a required co-requisite. Skills and performance in RCPLB2 are assessed as a component of RCP114 and therefore must be successfully completed in addition to all the requirements for RCP114. Prerequisite or corequisite: BIO153 and BIO201 each with a grade of 'C' or higher. Prerequisites: RCP101, RCPLB1 and RCP103 each with a grade of 'C' or higher. Corequisite: RCP114.

RCPLB3 – Lab for RCP115

1 credits

Catalog Description: RCPLB3 is the application of didactic instruction for RCP115 and a required co-requisite. Skills and performance in RCPLB3 are assessed as a component of RCP115 and therefore must be successfully completed in addition to all the requirements for RCP115. Corequisite RCP115. Prerequisites: RCP101, RCPLB1 and RCP103 with a grade of 'C' or higher. Prerequisites or corequisites: BIO153 or and BIO201 with a grade of 'C' or higher.

RCPLB4 – Lab for RCP116

1 credits

Catalog Description: RCPLB4 is the application of didactic instruction for RCP116 and a required co-requisite. Skills and performance in RCPLB4 are assessed as a component of RCP116 and therefore must be successfully completed in addition to all the requirements for RCP116. Corequisite: RCP116. Prerequisite: RCP114 and RCP115 each with a grade of 'C' or higher.

Reading

REA091 – Building Successful Reading Habits

3 credits

Catalog Description: Improves basic reading and vocabulary skills. Expands reading

comprehension from literal to inferential understanding of text. Advances effective dictionary use and spelling accuracy and promotes personal lifelong reading habits. This class carries institutional credit but cannot be applied toward any degree or certificate program. Prerequisite: Placement test score or permission of instructor.

REA101 – Gaining Power in College Reading

3 credits

Catalog Description: Introduces literal and critical reading skills essential for successful collegiate level course work. Increases vocabulary and critical thinking skills for comprehending text in all discipline areas. Promotes personal lifelong reading habits. Requires demonstration of ability to read beyond twelfth-grade level, based on standardized measures and class work. This course may be used as a general elective. Successful completion of this course meets the College's reading requirement for graduation. Prerequisite: REA 091 with a grade of 'C' or higher or by placement.

Retail Business Management

RET101 – Principles of Retailing

3 credits

Catalog Description: Examines types of retail stores, merchandising, operations, store location and layout, internal organization, buying, personnel management, inventory control, and sales promotion in the evolving global, high-tech 'retail to e-tail' business environment.

RET211 – Retail Display

3 credits

Catalog Description: Applies the principles of display including color arrangement, display fixtures, and tools. Evaluates principles through creation of displays and practical experience.

RET251 – Retail Study Abroad

3 credits

Catalog Description: International trip to experience international trade, business operations by studying specific phases of foreign retailing and marketing activities. Students are

responsible for all travel expenses in addition to tuition and fees.

Science

SCI110 – Survey of College Science Basics

3 credits

Catalog Description: Introduces key concepts from the 3 major branches of natural science: Physics, Chemistry, and Biology. With a focus on the skills developed through college laboratory investigation, this course explores scientific phenomena that shapes the human experience. The scientific method will be employed to experience topics including: basic principles of mechanics, thermodynamics, electricity, magnetism, wave, optics, atomic physics, measurement, atomic and molecular structure, chemical and physical bonding, gas properties, chemical reactions, evolution, ecology, genetics, and biodiversity. 1.5 class hours, 3 lab hours. Prerequisite: MAT102 or higher or by placement.

SCI111 – Survey of College Science - Physics

1

1 credits

Catalog Description: Introduces key concepts from Physics. With a focus on the skills developed through college laboratory investigation, this course explores scientific phenomena that shapes the human experience. The scientific method will be employed to experience topics including: basic principles of mechanics, thermodynamics, electricity, magnetism, wave, optics, and atomic physics. 1/2 class hour, 1 lab hour. Instructor determines final placement.

SCI112 – Survey of College Science - Chemistry

1 credits

Catalog Description: Introduces key concepts from college chemistry. With a focus on the skills developed through college laboratory investigation, this course explores scientific phenomena that shapes the human experience. The scientific method will be employed to experience topics including: measurement, atomic and molecular structure, chemical and

physical bonding, gas properties, and chemical reactions. 1/2 class hour, 1 lab hour. Instructor determines final placement.

SCI113 – Survey of College Science - Biology

1 credits

Catalog Description: Introduces key concepts from Biology. With a focus on the skills developed through college laboratory investigation, this course explores scientific phenomena that shapes the human experience. The scientific method will be employed to experience topics including: evolution, ecology, genetics, and biodiversity. 1/2 class hour, 1 lab hour. Instructor determines final placement.

SCI114 – Survey of College Science - Physics 2

1 credits

Catalog Description: Introduces key concepts from Physics. With a focus on the skills developed through college laboratory investigation, this course explores scientific phenomena that shapes the human experience. The scientific method will be employed to experience topics including: basic principles of mechanics, thermodynamics, electricity, magnetism, wave, optics, and atomic physics. 1/2 class hour, 1 lab hour. Instructor determines final placement.

SCI115 – Survey of College Science Basics - Extended Physics

4 credits

Catalog Description: Introduces key concepts from the 3 major branches of natural science: Physics 50%, Chemistry 25%, and Biology 25%. With a focus on the skills developed through college laboratory investigation, this course explores scientific phenomena that shapes the human experience. The scientific method will be employed to experience topics including: basic principles of mechanics, thermodynamics, electricity, magnetism, wave, optics, atomic physics, measurement, atomic and molecular structure, chemical and physical bonding, gas properties, chemical reactions, evolution, ecology, genetics, and biodiversity. Two class

hours, four lab hours. Prerequisite: MAT102 or higher or by placement.

Service Learning

SER130 – The Civil War Through Service Learning

3 credits

Catalog Description: Examines American life during the Civil War through a hands-on service learning experience. Explores the material culture of the mid-19th century, the impact of war on individual communities and family life, and the life of soldiers in camp and on the march. Students will help organize a re-enacted Civil War camp and complete a critical thinking project based on the collection of primary and secondary sources – including genealogical records and military service records from the National Archives. (This course will only be offered at the Lima campus in the spring semesters of 2012-2015.)

Sociology

SOC101 – Introductory Sociology

3 credits

Catalog Description: Studies social patterns affecting the structure and functioning of group life such as cultural values, deviance, class structure, and social change. Examines methods and perspectives sociologists employ, and the ways group forces influence the individual in society. Prerequisite or corequisite: Completion of the Genesee Community College reading proficiency.

SOC102 – Social Problems

3 credits

Catalog Description: Examines social problems such as racism, inequality, sexism, delinquency, deviancy, urban growth, over-population, and global stratification. Studies social problems and their sources, theoretical approaches to the study and potential resolution of social problems. Prerequisite: SOC101.

SOC103 – Marriage and the Family

3 credits

Catalog Description: Examines patterns of marriage, family, and intimate relationships from a variety of perspectives. Emphasizes functions and alternative structures of American marriage and family patterns. Explores problems and potential adjustments confronting marriage and family within the context of social change. Prerequisite: SOC101.

SOC115 – Crime and Delinquency

3 credits

Catalog Description: Presents an interdisciplinary analysis of criminal and delinquent behavior in contemporary society. Familiarizes students with theories of causation and control, types of delinquency and criminality, and the basics of the criminal justice system. Examines the definition and measurement of crime, types of crime, theories of crime causation and social policy issues involving crime prevention. Prerequisite: SOC101.

SOC204 – Human Diversity

3 credits

Catalog Description: Examines the definition of human diversity in American culture, including ethnicity, race, gender, sexual orientation, poverty, and religion. Identifies the misinformation that perpetuates the exclusion of diverse groups from mainstream opportunities, and differentiates covert acts, institutional policies, and ideologies that promote the exclusion of diverse groups. Provides an awareness of the student's own diversity and how their feelings and worldviews might differ from other diverse groups, and how those differences may influence behaviors positively and/or negatively.

SOC210 – Criminology

3 credits

Catalog Description: Presents an interdisciplinary analysis of criminal and delinquent behavior in contemporary society. Familiarizes students with theories of causation and control, types of delinquency and criminality, and the basics of the criminal justice system. Examines the definition and measurement of

crime, types of crime, theories of crime causation and social policy issues involving crime prevention. Prerequisite: SOC101.

Spanish

SPA101 – Elementary Spanish 1

3 credits

Catalog Description: Develops Spanish listening, speaking, reading and writing skills at the novice level. Develops cultural awareness and introduces concepts of cultural diversity and tolerance. Emphasizes ability to use and understand basic Spanish in context. See placement guidelines on Advisement Homepage. Instructor determines final placement.

SPA102 – Elementary Spanish 2

3 credits

Catalog Description: Strengthens Spanish listening, speaking, reading and writing skills acquired in Elementary Spanish I. Emphasizes the ability to use and understand Spanish in context at the high-novice level. Prepares students to interact with members of diverse cultures. See Advisement Homepage for Placement Guidelines. Instructor determines final placement. Prerequisite: SPA 101 or equivalent.

SPA111 – Introductory Spanish for Health Professions I

3 credits

Catalog Description: Provides an introduction to oral and written communicative Spanish language skills for health care workers in professions such as nursing, physical therapy assistant, respiratory care, polysomnography, veterinary tech and other fields that involve patient care. Instruction diversified based on the needs of the students. Emphasis is placed on the ability to interact effectively at the novice level with native Spanish speakers including cross-cultural communication. SPA 101 or two years of high school study desirable, however not required. Placement determined by instructor. Does not meet the SUNY General Education Foreign Language Requirement.

SPA201 – Intermediate Spanish 1

3 credits

Catalog Description: Enhances Spanish listening, speaking, reading and writing skills at the intermediate level. Prepares students to interact with native speakers in everyday settings. Increases depth and breadth of linguistic and cultural understanding. Instruction occurs in Spanish with some explanation in English. See placement guidelines on Advisement Homepage. Instructor determines final placement. Prerequisite: SPA 102 or equivalent. Typically offered Fall only.

SPA202 – Intermediate Spanish 2

3 credits

Catalog Description: Strengthens Spanish listening, speaking, reading and writing skills acquired in Intermediate Spanish I. Prepares students to use real-world application of language and cultural skills and knowledge in their chosen field at the high-intermediate level. See placement guidelines on Advisement Homepage. Instructor determines final placement. Prerequisite: SPA 201 or equivalent. Typically offered Spring only.

Speech

SPE102 – Voice and Articulation

3 credits

Catalog Description: Enables public speakers to improve voice, articulation, and stage presence. Covers both the process used in creating voice and the application of process to the use and control of pitch, loudness, quality and rate. Includes aspects of nonverbal communication and use of the International Phonetic Alphabet to explore dialects.

SPE103 – Introduction to Oral Interpretation

3 credits

Catalog Description: Develops critical reading skills through public performances of literary works. Primary instructional strategies include lectures on theory and demonstrations by the instructor, practice and performance by the student with group evaluation.

SPE108 – Public Speaking

3 credits

Catalog Description: Develops listening and organizational skills and the ability to present messages effectively in public speaking situations. Primary instructional strategies are theory-model-practice and evaluation.

SPE109 – Interpersonal Communication

3 credits

Catalog Description: Introduces communication theories affecting interpersonal and small group situations. Students participate in a limited number of group and role-playing activities in order to demonstrate the theoretical aspects of the process of interpersonal communication.

Theatre

THE101 – Introduction to Theatre

3 credits

Catalog Description: Introduces literature, history, production practices, and musical theatre components of theatre arts.

THE103 – Fundamentals of Acting

3 credits

Catalog Description: Introduces basic acting techniques with emphasis on personal characterization. Student actors strengthen their self-knowledge and determine a unique point of view through individual and group improvisations, sensory exploration and text work.

THE105 – Introduction to Musical Theatre

3 credits

Catalog Description: Introduces musical theatre form, personnel involved in the making of a musical, and a brief history. Includes audition techniques, song preparation from various stylistic periods, and performances of musical repertoire.

THE106 – Stagecraft

3 credits

Catalog Description: Familiarizes students with the techniques and materials of theater set construction. Explores the responsibilities of technical personnel, safety practices and the

organization of a backstage run crew. Introduces CAD drawing within a theater context.
Corequisite: THE 116.

THE107 – Festival Theatre

1 credits

Catalog Description: Students attend, record, and evaluate workshops and theatrical productions at the Kennedy Center American College Theatre Festival for Region II. Students must provide funds for Festival attendance, transportation, lodging and personal expenses.

THE108 – Festival Theatre

1 credits

Catalog Description: Students attend, record, and evaluate workshops and theatrical productions at the Kennedy Center American College Theatre Festival for Region II. Students must provide funds for Festival attendance, transportation, lodging and personal expenses.

THE116 – Theatre Practicum

1 credits

Catalog Description: Introduces technical, performance, and front-of-house activities in college theatrical productions. Students may enroll four times for a maximum of four credits but may not enroll in more than two theatre practicum courses in the same term. Forty-five (45) activity hours to be arranged. Credit in this course will not satisfy Fine Arts requirement in any degree program and will transfer only as a general elective credit.

THE117 – Theatre Practicum

1 credits

Catalog Description: Introduces technical, performance, and front-of-house activities in college theatrical productions. Students may enroll four times for a maximum of four credits but may not enroll in more than two theatre practicum courses in the same term. Forty-five (45) activity hours to be arranged. Credit in this course will not satisfy Fine Arts requirement in any degree program and will transfer only as a general elective credit.

THE118 – Theatre Practicum

1 credits

Catalog Description: Introduces technical, performance, and front-of-house activities in college theatrical productions. Students may enroll four times for a maximum of four credits but may not enroll in more than two theatre practicum courses in the same term. Forty-five (45) activity hours to be arranged. Credit in this course will not satisfy Fine Arts requirement in any degree program and will transfer only as a general elective credit.

THE119 – Theatre Practicum

1 credits

Catalog Description: Introduces technical, performance, and front-of-house activities in college theatrical productions. Students may enroll four times for a maximum of four credits but may not enroll in more than two theatre practicum courses in the same term. Forty-five (45) activity hours to be arranged. Credit in this course will not satisfy Fine Arts requirement in any degree program and will transfer only as a general elective credit.

THE120 – Theatre Practicum

1 credits

Catalog Description: Introduces technical, performance, and front-of-house activities in college theatrical productions. Students may enroll four times for a maximum of four credits but may not enroll in more than two theatre practicum courses in the same term. Forty-five (45) activity hours to be arranged. Credit in this course will not satisfy Fine Arts requirement in any degree program and will transfer only as a general elective credit.

THE163 – Fundamentals of Directing

3 credits

Catalog Description: Introduces basic directing skills with emphasis on script interpretation, scoring, casting, blocking, working with actors /technical staff, rehearsal and performance.

THE164 – Playwriting

3 credits

Catalog Description: Introduces basic techniques of dialogue and structure in playwriting skills, with emphasis on short-form script development, storytelling through dialogue, dramatic action, characterization, and continuous revision through workshop process. Prerequisite: Completion of ESL/ENG 100 with a grade of C or better or the equivalent.

THE202 – Theatre History 1: Greek Origins to European Renaissance

3 credits

Catalog Description: Surveys the history and development of western theatre from its Greek origins to the European Renaissance (fifteenth century) by examining the influences of architecture, politics, society, religion, and the economy in shaping theatre as an art form. Studies a variety of play genres, production practices, and theatre architecture in their historical contexts.

THE203 – Developing A Character

3 credits

Catalog Description: Explores the acting process through physical and vocal exercises, script analysis, and character interpretation. Rehearsal and performance of scenes. Prerequisite: THE103.

THE204 – Theatre History 2: Elizabethan through the Contemporary Era

3 credits

Catalog Description: Surveys history, literature, architecture and production practices of western theatre from Elizabethan England through the twentieth century.

THE205 – Audition Techniques

3 credits

Catalog Description: Explores the audition process. Prepares students to choose appropriate material for the individual actor. Reviews and continues the exploration of a variety of acting styles (Stanislavski, Method, Meisner). Teaches resume writing techniques, how to select a photographer and appropriate pictures, and interviewing skills for working with producers and directors. Works on the audition

process: breaking a monologue into objectives and beats and performing several monologues in an array of genres. Prerequisites: THE103, THE203, and instructor approval

THE206 – Advanced Projects in Theatre

1 credits

Catalog Description: Offers advanced opportunities to showcase talents and gain additional expertise in an aspect of theatre-playwriting, directing, acting, scene design, costume and makeup design, lighting design, sound design, properties design, stage management, or dramaturgy. Completed projects may be submitted to the Kennedy Center American College Theatre Festival Region II Festival. Prerequisite: THE101 or THE105, and THE103 and THE106, or permission of instructor.

THE210 – Introduction to Theatrical Design

3 credits

Catalog Description: Introduces theories and practices of theatrical design. Emphasizes scene design, property design, costume and/or makeup design, lighting design, and design collaboration skills. One lecture, four lab hours. Prerequisite: THE 106.

THE212 – Play Analysis

3 credits

Catalog Description: Develops ability to carefully read and analyze plays. Employs scripts from various periods and genres to explore theatre as a written, visual, and collaborative art form. Prerequisite: ENG 101

THE214 – Writing for Stage and Screen

3 credits

Catalog Description: Introduces basic techniques of writing for the stage and screen, with emphasis on structure/development, storytelling through dialogue, dramatic action, characterization, and continuous revision through workshop process. Prerequisite: Completion of ESL/ENG 100 or by placement.

THE221 – Children's Theatre

3 credits

Catalog Description: Participation in auditions, rehearsals, and production of a Children's Theatre play. Includes reading, analysis, and interpretation of children's theatre literature. Play performed before children in one of several possible settings, e.g., at the College, area schools, recreational sites, or hospital. One lecture hour, four laboratory hours.

THE236 – Lighting the Stage for Theatre and Entertainment

3 credits

Catalog Description: Introduces principles and procedures in designing and executing theatre and concert lighting. Examines the operation of lighting instruments and equipment. Two lecture, three laboratory hours.

THE238 – Live Sound for Theatre and Stage

3 credits

Catalog Description: Emphasizes sound reinforcement for live theatre and concert productions. Examines sound design and the production of sound effects in a theatrical context. Introduces basic audio recording for sound designers. Two Lecture, three lab hours as arranged with instructor.

THE246 – Scene Design & Rendering

3 credits

Catalog Description: Concentrates on planning, designing, and constructing scenery for theatrical production. Emphasizes the coordination of visual and aesthetic aspects of stagecraft. One class hour, four laboratory hours. Prerequisites: THE202, THE236, and EGR103.

THE256 – Field Study Placement

1 credits

Catalog Description: Introduces students to professional practical experience in production and/or performance aspects of theatre in an off-campus setting. Prerequisites: THE 101, THE 103, THE 106.

THE257 – Field Study Placement

1 credits

Catalog Description: Introduces students to professional practical experience in production

and/or performance aspects of theatre in an off-campus setting. Prerequisites: THE 101, THE 103, THE 106.

THE258 – Field Study Placement

1 credits

Catalog Description: Introduces students to professional practical experience in production and/or performance aspects of theatre in an off-campus setting. Prerequisites: THE 101, THE 103, THE 106.

Tourism & Hospitality Mgmt

THM101 – Introduction to Tourism and Hospitality

3 credits

Catalog Description: Overview of the tourism and hospitality industries and the role of customer service in the industry. Studies industry leaders and the different forms of industry businesses, such as independent, chain, franchised and e-commerce. Covers the daily functions of lodging and food service: management, marketing, physical facilities, human resources, cost controls and technology. Presents career options within attractions, catering, casinos, cruise ships, club management, meetings and events, resorts, restaurant management and exhibitions. Fall Face to Face only; Spring online only.

THM103 – Hotel Operations

3 credits

Catalog Description: Focuses on the organization and structure of hotel operations. Addresses organization and management responsibilities within each department, including the front office, housekeeping, engineering, and security. Examines the role of the sales and marketing department in the financial success of the hotel, and food and beverage services for their important part in the overall hotel product. Fall only.

THM114 – Food and Beverage Management

3 credits

Catalog Description: Explores all aspects of management and service of food and beverages from the customer's viewpoint as a means of

understanding what makes a successful food service business. Provides a basis for understanding the responsibilities and challenges in the management of food and beverage businesses. Spring only.

THM116 – Destinations Geography 1

3 credits

Catalog Description: Examines each major geographic region of the eastern hemisphere, studying the geographic character of specific regions as a tourism setting. Analyzes cultural, physical, and tourism characteristics of the locations to determine what attracts visitors to the area. Fall only.

THM117 – Destinations Geography 2

3 credits

Catalog Description: Examines each major geographic region of the western hemisphere, studying the geographic character of specific regions as a tourism setting. Analyzes cultural, physical, and tourism characteristics of the locations to determine what attracts visitors to the area. Spring only.

THM118 – Principles of Event Management

3 credits

Catalog Description: Examines all aspects of event management, ranging from feasibility studies and operational planning to the importance of customer service. Evaluates marketing strategies that minimize risks and maximize audience satisfaction. The semester project entails producing an event. Spring only.

THM201 – Meeting and Convention Planning

3 credits

Catalog Description: Examines the different segments of the conventions and meetings market. Includes the development of a marketing plan for a specific property, and a service function organization plan, including detailed information on room setups, food and beverage functions, audiovisual equipment, and other aspects of group meeting business. Fall only. Prerequisites: THM101, BUS101, and ENG101.

THM202 – Destination and Resort Marketing

3 credits

Catalog Description: Examines marketing in the tourism industry, including collaborative efforts between hotels and resorts, airlines, restaurants, and tourism destinations. Explores differences between service and product marketing to demonstrate the complexities of marketing within the industry. Topics include research and analysis, plans and strategies, marketing segmentation and trends, partnerships, packaging, the distribution mix and the tourism trade, advertising, public relations, and pricing and evaluation. Prerequisites: THM101, ENG101, and BUS101.

Veterinary Technology

VET100 – Veterinary Technology Orientation

1 credits

Catalog Description: The course introduces the student to the profession of the Veterinary Technician. The role of the veterinary technician in private practice and non practice settings will be examined by field trips to various businesses related to the veterinary profession. This course will also look at the history of the profession, certification process, personal and emotional issues confronting veterinary technicians. Fall only. Prerequisite: Acceptance into the Veterinary Technology program. Corequisites: VET 101, VET 112 and VET LB1.

VET101 – Intro to Veterinary Technology

2 credits

Catalog Description: Emphasis will be placed on veterinary medical terminology with an understanding of the construction and analysis of words based on knowledge of prefixes, suffixes, root words, and combining forms. Recognition of the common species of domestic animals and the common breeds within each species. Students will develop an understanding of common husbandry practices and terms used that apply to each species. Fall only. Prerequisite: Acceptance into

the Veterinary Technology program.

Corequisites: VET 100, VET 112 and VET LB1.

VET112 – Animal Anatomy & Physiology 1

3 credits

Catalog Description: Introduces the student to the structure and function of the bodies of domestic animals with emphasis on the skeletal, muscular, nervous, integumentary, endocrine, and sensory systems. Medical terminology will be studied throughout the course. Homeostasis will be discussed including the role of control systems such as negative feedback and the relation of form to function. Prerequisite: Acceptance into the Veterinary Technology program. Corequisites: VET 100, VET 101, and VET LB1.

VET113 – Animal Anatomy & Physiology 2

3 credits

Catalog Description: Continue the study of anatomy and physiology of domestic animals with investigation of the cardiovascular, respiratory, digestive, lymphatic and immune, urinary, and reproductive systems. Includes an overview of avian, reptilian and amphibian anatomy. Emphasis will be placed on the structure and function of the tissues of each system along with the differences in the system between the species examined. Prerequisites: VET 100, VET 101, VET 112, and VET LB1 each with a grade of 'C' or higher. Corequisites: VET LB2, VET 124, VET 223 and VET LB3.

VET124 – Veterinary Pharmacy and Pharmacology

3 credits

Catalog Description: Catalog Description: Provide study in the area of commonly used veterinary drugs and medications. Emphasis will be placed on the classes of drugs, their use, potential side effects and contraindications, calculating drug doses, administering and dispensing drugs and medications, legal issues and record keeping. Spring only. Prerequisites: VET 100, VET 101, VET 112, and VET LB1 each with a grade of 'C' or higher. Corequisites: VET 113, VET LB2, VET 223, and VET LB3.

VET201 – Animal Clinic Externship 1

2 credits

Catalog Description: Catalog Description: Familiarize the student with the veterinary technician's responsibilities in the day to day operation of private /non private practices. Students spend time at private/non private practices observing in the areas of general facility management, anesthesia, routine treatments, radiology, laboratory procedures and surgery. As a result of observation of the veterinary technician in a practical applied atmosphere, students will become more familiar with the scope of the veterinary technician as a professional member of the veterinary team. Prerequisite: VET 113, VET LB2, VET 124, VET 223, and VET LB3 each with a grade of 'C' or higher.

VET202 – Animal Clinic Externship 2

1 credits

Catalog Description: Catalog Description: Familiarize the student with the veterinary technician's responsibilities in the day to day operation of private /non private practices. Students spend time at private/non private practices observing in the areas of general facility management, anesthesia, routine treatments, radiology, laboratory procedures and surgery. As a result of observation of the veterinary technician in a practical applied atmosphere, students will become more familiar with the scope of the veterinary technician as a professional member of the veterinary team. Prerequisite: VET201 with a grade of 'C' or higher. Corequisites: VET 234, VET LB4, VET 245, VET LB5, VET 246 and VET LB6.

VET203 – Animal Clinic Externship 3

1 credits

Catalog Description: Familiarize the student with the veterinary technician's responsibilities in the day to day operation of private /non private practices. Students spend a minimum of 40 hours at private/non private practices observing in the areas of general facility management, anesthesia, routine treatments, radiology, laboratory procedures and surgery. As a result of

observation of the veterinary technician in a practical applied atmosphere, students will become more familiar with the scope of the veterinary technician as a professional member of the veterinary team. Prerequisite or concurrent: VET202 with a grade of “C” or higher.

VET212 – Veterinary Nutrition

2 credits

Catalog Description: Identifies the six basic nutrients and their functions, explains how to understand pet food labels, and explores applications of nutrition and calculation of energy requirements for wellness, life stages and disease management in dogs and cats.

Pragmatic tools for improving technician-client communications will be provided including a discussion of the technician’s role in client-education, and in conducting veterinary nutritional assessments. The course is conducted via an asynchronous, interactive web-based format, and includes unit self-assessment quizzes, graded exams, discussion boards and homework. Prerequisite: VET201

VET223 – Techniques in Laboratory Animals and Exotics

2 credits

Catalog Description: A general overview of the field of laboratory animals and exotic species will be covered. Emphasis will be on husbandry, humane care, handling, nutrition, restraint, reproduction, recognition of common diseases including zoonoses, and ethical use.

Prerequisites: VET 100, VET 101, VET 112, and VET LB1 each with a grade of ‘C’ or higher.

Corequisites: VET 113, VET LB2, and VET LB3.

VET234 – Clinical Laboratory Techniques

3 credits

Catalog Description: Introduce the student to the basics of clinical laboratory techniques. The student will develop fundamental skills necessary to properly prepare, handle and submit appropriate samples for diagnostic analysis, learn proper maintenance, quality control and safety procedures required in a

laboratory setting, and how to evaluate blood, urine, fecal, and cytological samples as directed by the veterinarian. Prerequisites: VET 201 with a grade of ‘C’ or higher. Corequisites: VET 202, VET LB4, VET 245, VET LB5, VET 246, VET LB6 and VET 280.

VET245 – Small Animal Pathology&Nursing

3 credits

Catalog Description: Overview of common small animal diseases and the techniques used in the diagnostic process, treatment and care of these patients. The student will become familiar with common infectious and non-infectious diseases with regard to epidemiology, clinical signs, diagnostic testing procedures, therapeutic treatments, measures of prevention, zoonotic potential, and prognosis. Prerequisite: VET201 with a grade of ‘C’ or higher. Corequisites: VET 202, VET 234, VET LB4, VET LB5, VET 246, VET LB6 and VET 280.

VET246 – Large Animal Pathology&Nursing

3 credits

Catalog Description: Overview of common large animal diseases and the techniques used in treatment and care of these patients. The student will become familiar with common diseases with regard to epidemiology, incubation period, contagiousness, therapeutic treatments, measures of prevention, zoonotic potential, and prognosis. Common behaviors and how they affect animal handling and management, nutrition, poisonous plants, and toxins that affect large animals will be discussed. Prerequisite: VET 201 with a grade of ‘C’ or higher.

Corequisites: VET 234, VET LB4, VET 245, VET LB5, VET LB6, and VET 280.

VET257 – Principles Veterinary Business

3 credits

Catalog Description: Training in the management of the day-to-day operations of a veterinary hospital. Emphasis will be placed on client relations and communications, inventory control, record keeping, and computer skills. Students will have the opportunity to perfect resume and cover letter writing and to practice job interview

techniques. Prerequisite: VET201 with a grade of C or higher.

VET268 – Surgical Nursing&Anesthesiology

3 credits

Catalog Description: Provide study concerning anesthetic procedures for small and large animals, the preparation of the surgical patient, and care of the patient pre- and post-surgery. Emphasis is placed on preanesthetic agents, anesthetic agents, pre- and post-anesthetic care, pain evaluation of the patient, monitoring devices and techniques, controlled substance drug laws and record keeping, CPR and recognition of emergency situations, and the potential for human and animal hazards associated with anesthetic drugs and anesthetized patients. Prerequisites: VET 201, VET 234, VET LB4, VET 245, VET LB5, VET 246, VET LB6 each with a grade of 'C' or higher. Corequisite: VET LB7, VET 279, and VET LB8.

VET279 – Vet Radiology & Dentistry

3 credits

Catalog Description: Introduces the student to 1) the basic principles of imaging that are necessary for the understanding and performance of diagnostic imaging procedures in a veterinary hospital, including radiographic techniques, MRI and ultrasound; 2) proper dental techniques and recognition of normal and abnormal conditions appropriate to the species. Prerequisite: VET 201, VET 234, VET LB4, VET 245, VET LB5, VET 246, VET LB6 each with a grade of 'C' or higher. Corequisite: VET 268, VET LB7, VET LB8.

VET280 – Veterinary Parasitology

3 credits

Catalog Description: Catalog Description: An introductory, multidisciplinary course to the common internal and external parasites of large and small animals. Life cycles, pathologies, diagnostic protocols, treatment, and management control will be studied while integrating anatomy and pharmacology. Students will be able to provide client education concerning parasite prevention, treatment,

management, and public health zoonoses. Laboratory work will include microscopic identification of parasites along with the application of appropriate diagnostic tests used in veterinary practice. Prerequisite: VET 201. Corequisites: VET 234, VET LB4, VET 245, VET LB5, VET246, and VET LB6.

VETLB1 – Lab for VET 112

1 credits

Catalog Description: VETLB1 is the application of didactic instruction for VET112 and a required co-requisite. Skills and performance in VET LB1 are assessed as a component of VET112 and therefore, must be successfully completed in addition to all the requirements for VET112. Laboratory work includes anatomy studies using models and dissections, physiology exercises, and microscopic histological observations. Corequisites: VET100, VET101, VET112.

VETLB2 – Lab for VET 113

1 credits

Catalog Description: VET LB2 is the application of didactic instruction for VET 113 and a required co-requisite. Skills and performance in VET LB2 are assessed as a component of VET 113 and therefore, must be successfully completed in addition to all the requirements for VET 113. Laboratory work includes anatomy studies using models and dissections, physiology exercises, and microscopic histological observations. Prerequisites: VET 100, VET 101, VET 112, VET LB1 each with a grade of 'C' or higher. Corequisites: VET 113, VET 124.

VETLB3 – Lab for VET 223

1 credits

Catalog Description: VET LB3 is the application of didactic instruction for VET 223 and a required co-requisite. Skills and performance in VET LB3 are assessed as a component of VET 223 and therefore, must be successfully completed in addition to all the requirements for VET 223. Prerequisites: VET 100, VET 101, VET 112, and VET LB1 each with a grade of 'C' or higher. Corequisites: VET 113, VET LB2, VET223

VETLB4 – Lab for VET234

1 credits

Catalog Description: VET LB4 is the application of didactic instruction for VET 234 and a required co-requisite. Skills and performance in VET LB4 are assessed as a component of VET 234 and therefore, must be successfully completed in addition to all the requirements for VET 234.

Prerequisites: VET 201 with a grade of 'C' or higher. Corequisites: VET 202, VET 234, VET 245, VET LB5, VET 246, VET LB6 and VET 280.

VETLB5 – Lab for VET245

1 credits

Catalog Description: VET LB5 is the application of didactic instruction for VET 245 and a required co-requisite. Skills and performance in VET LB5 are assessed as a component of VET 245 and therefore, must be successfully completed in addition to all the requirements for VET 245.

Laboratory emphasis will be placed on learning techniques used in practice such as proper patient restraint and animal handling, physical exam, how to collect diagnostic samples, placement and maintenance of intravenous catheters, urethral catheterization, administration of fluids, administration of drugs and medications, applying and removing bandages. Prerequisite: VET 201 with a grade of 'C' or higher. Corequisites: VET 202, VET 234, VET LB4, VET 245, VET 246, VET LB6 and VET 280.

VETLB6 – Lab for VET246

1 credits

Catalog Description: VET LB6 is the application of didactic instruction for VET 246 and a required co-requisite. Skills and performance in VET LB6 are assessed as a component of VET 246 and therefore, must be successfully completed in addition to all the requirements for VET 246.

Laboratory emphasis will be placed on learning techniques used in practice such as proper patient restraint and animal handling, physical exam, how to collect diagnostic samples, placement and maintenance of intravenous catheters, urethral catheterization, administration of fluids, administration of drugs and medications, applying and removing bandages.

Prerequisite: VET 201 with a grade of 'C' or higher. Corequisites: VET 234, VET LB4, VET 245, VET LB5, VET 246, and VET 280.

VETLB7 – Lab for VET268

1 credits

Catalog Description: VET LB7 is the application of didactic instruction for VET 268 and a required co-requisite. Skills and performance in VET LB7 are assessed as a component of VET 268 and therefore, must be successfully completed in addition to all the requirements for VET 268.

Prerequisite: VET 201, VET 234, VET LB4, VET 245, VET LB5, VET 246, VET LB6 each with a grade of 'C' or higher. Corequisite: VET 268, VET 279, and VET LB8.

VETLB8 – Lab for VET279

1 credits

Catalog Description: VET LB8 is the application of didactic instruction for VET 279 and a required co-requisite. Skills and performance in VET LB8 are assessed as a component of VET 279 and therefore, must be successfully completed in addition to all the requirements for VET 279.

Students will prepare the patient for imaging, set up radiographic and darkroom equipment; produce and develop images; analyze image quality for maximum diagnostic benefit. Students will perform routine dental prophylaxis (manual and machine). Prerequisite: VET 201, VET 234, VET LB4, VET 245, VET LB5, VET 246, and VET LB6 each with a grade of 'C' or higher. Corequisite: VET 268, VET LB7, VET 279

POLICIES & REGULATIONS

Review the GCC Student Handbook at www.genesee.edu/assets/file/policies/GCC-Student-Handbook.pdf for a list of campus mandates, polices, reports and related consumer information, including the GCC Student Code of Conduct. Additional policies & regulations below:

Dropping or Adding a Course

A student may drop or add a course through the College website, in person, by fax, or email. All add and drop activities should be completed during the first week of the semester.

Under special circumstances, a student may add or drop a course in the second or third week. Adding a course after the first week of class requires the signature of the professor. If a student withdraws from a course after the census date and prior to the completion of 9/16 of the course, a “W” grade is entered on the transcript. Students should talk to the Business Office, the Financial Aid Office, and their advisor regarding the effect of this withdrawal on tuition payment and financial assistance.

Grading Practices

Grades are used to assess student achievement and report on student progress. Instructors will inform students (in clear performance terms) at the beginning of each course what constitutes minimal requirements for each letter grade applicable to the course.

Grade points are assigned to letter grades as follows:

Grade	Description
A	4.00 points per credit hour
A-	3.67 points per credit hour
B+	3.33 points per credit hour
B	3.00 points per credit hour
B-	2.67 points per credit hour
C+	2.33 points per credit hour
C	2.00 points per credit hour
C-	1.67 points per credit hour
D+	1.33 points per credit hour
D	1.00 points per credit hour
D-	0.67 points per credit hour
F	0.00 points per credit hour

Other notations may also be used:

Grade	Description
H	Honors level course
J	Not yet graded by faculty member
S	Satisfactory completion (used only in non-credit courses)
CP	Clinical - Passed; no quality points (used for credit bearing clinical requirements that have a co-requisite credit course)
CF	Clinical – Failed; no quality points

Grade	Description
	(used for credit clinical requirements that have a co-requisite credit course)
U	Unsatisfactory completion (used only in non-credit courses)
W	Withdrawal from course
IP	In process
CR	Credit earned by examination
AU	Course registration by audit
TR	Credit transferred from another institution of higher education

Further grading descriptions:

- W - The "W" grade is recorded for students who officially withdraw from a course after the census date (end of the third week of a 34 full-semester course) and before the end of the ninth week. For summer and special sessions, the "W" grade is recorded for students who officially withdraw after the census date and prior to completion of 9/16 of the course. It is the student's responsibility to officially withdraw from a class by the designated deadline.
- IP - The "IP" grade may be given only in emergency or unusual circumstances at the discretion of the instructor to students who have made good faith progress in courses but who have not completed course requirements by the end of any term (regular semester or special session). The designation "good faith progress" means that the student must have satisfactorily completed most of the course requirements. An "IP" grade is recorded only if it is accompanied by an "IP" contract signed by both the student and faculty member. An "IP" grade is changed automatically to an "F" grade if the Records Office does not have a change of grade by the last day of class of the twelfth week of the first full semester following the session in which the "IP" grade was earned. The responsibility to

present a change of grade to the Records Office is shared by the student and faculty member. Any student accepting an "IP" cannot graduate until the end of the term in which the "IP" is completed and graded.

AU - If a student wishes to audit a course, he/she must register for the class prior to the end of the third week of classes. The student must obtain a request to audit form from the Records Office, have the instructor sign the form, and return it to the Records Office. Students are expected to pay the standard tuition fees appropriate for the class to be audited.

Granting Additional Certificates & Degrees

A graduate of Genesee Community College may earn additional degrees and/or certificates under the following conditions:

1. The degrees and/or certificates are in essentially different areas. Two areas are defined as essentially different if there is a minimum of 12 or 15 credit hours difference in required courses. However, a degree may be in the same area as a previously earned certificate.
2. The student successfully completes all required courses for the additional degrees and/or certificates.
3. All general education courses from the previous degree may be applied to the additional degrees.
4. No more than two degrees and/or certificates will be awarded at any one time.
5. Students may concurrently be awarded two degrees only if the discipline areas are separate and distinct, i.e., delineated by different IPED/HEGIS codes. This does not preclude a student from returning at a later point after receiving the first degree to complete a second degree within a single broad area. For example, a student may not concurrently receive an A.A.S. in Fashion Merchandising Management and one in

Retail Business Management, but that student may return a semester after receiving the first degree, complete the 12-15 or more different required hours, and then receive the second degree.

Image Release Policy

As a student, faculty or staff member, or visitor to any of the campus or campus centers of Genesee Community College (GCC) or at an event not on campus, but sponsored by GCC, you grant permission to GCC and/or its assigns, its clients, or agents, full permission to use, publish, and copyright, either in whole or in part, photographs or other images or likenesses of yourself in the form of videotape, film or digital stills, or any other medium. Such material may be used with or without your name in publications, television, billboards, online, social media and other media for promotion and advancement of the College. You give this permission without expectation of any remuneration.

Nondiscrimination Policy

In compliance with the letter and spirit of applicable Federal and State laws and pursuing its own goals of diversity, Genesee Community College is committed to ensuring equal employment and educational opportunity without regard to an individual's race, color, national origin, sex, religion, age, disability, gender, pregnancy, gender identity, sexual orientation, predisposing genetic characteristics, marital status, veteran status, military status, domestic violence victim status, or ex-offender status. This includes, but is not limited to, student admissions, counseling, housing, grading, financial aid, recruitment, application process, hiring, training, disciplinary actions, compensation, promotion, termination, and all other terms and conditions of employment, educational status, and access to college programs and activities.

Genesee Community College will provide accommodations to individuals with disabilities in accordance with the Americans with Disabilities

Act. The College will further provide accommodations to ensure the full participation of individuals in college programs, when such accommodations are reasonable and necessary, due to an individual's religion, pregnancy, maternity, or breastfeeding status. Employees, students, applicants or other members of the college community (including but not limited to vendors, visitors, and guests) may not be subjected to discrimination or harassment that is prohibited by law, or treated adversely based upon a protected characteristic. In this context, sexual discrimination includes sexual harassment and sexual violence. All complaints of sexual violence, including assault, stalking, harassment, intimate partner violence, and other forms of sexually intimidating or threatening conduct will be promptly investigated.

Questions and complaints about discrimination or harassment and the College's compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1990, Title IX of the Education Amendments of 1972, and the Age Discrimination Act of 1975, New York State Human Rights Law, and other federal, state, and local laws should be directed to Gina M. Weaver, Associate Vice President for Human Resources, Affirmative Action Officer and Title IX Coordinator, Genesee Community College, One College Rd, Batavia, NY 14020, Email: gmweaver@genesee.edu, Phone: (585) 343-0055, ext.6514. Complaint procedures can be found at www.genesee.edu/depts/hr. Inquiries concerning nondiscrimination laws and compliance requirements may also be directed to the Assistant Secretary for Civil Rights, US Department of Education.

Privacy Statement

Genesee Community College (Genesee) is committed to protecting your privacy. This website is designed to make it easier and more efficient for individuals and businesses to interact with Genesee. We recognize that it is critical for individuals and businesses to be confident that

their privacy is protected when they visit the Genesee website.

This statement describes Genesee's privacy practices regarding information collected from users of this website. This statement describes what information is collected and how that information is used. This statement is consistent with the provisions of the Internet Security and Privacy Act, the Freedom of Information Law, the Family Educational Rights & Privacy Act (FERPA), and the Personal Privacy Protection Law.

Genesee does not collect any personal information about you unless you provide that information voluntarily by filing an application, sending an email, responding to a survey, enabling your computer to reveal your username on that system, or completing an online transaction.

Information Collected Automatically When You Visit this Website

Genesee automatically collects and stores the following information about each website visit:

- IP Address - The hostname or Internet Protocol address of the user requesting access to the Genesee website.
- Method - The request method used.
- Referrer - The referrer specifies the web page from which the user accessed the current web page.
- Request - The exact request the user made.
- Status - The status code the server returned to the user.
- System Date - The date and time of the user's request.
- Universal Resource Identifier (URI) - The location of a resource on the server.
- URI Query String - Anything after the question mark in a URI.
- User Agent - The user agent information includes the type of browser, its version, and the operating system on which that the browser is running.

The information above is collected for internal statistical analysis only and is used to help us to improve this website's content, navigation, and user experience. Genesee will neither sell or otherwise disclose the information collected from our website for non-university commercial marketing purposes.

Cookies

To better serve you, we use 'cookies' to enhance or customize your visit to this website. Cookies are simple text files stored on your web browser to provide a means of distinguishing among users of this website. The use of cookies is a standard practice among Internet websites. To better serve you, we use "session cookies" to enhance or customize your visit to this website. Session cookies can be created automatically on the device you use to access genesee.edu. A session cookie is erased during operation of your browser or when your browser is closed. These session cookies do not contain personal information and do not compromise your privacy or security. We may use the cookie feature to store a randomly generated identifying tag on the device you use to access this website.

Information Collected When You Email Genesee or Complete a Transaction

During your visit to Genesee's website you may send an email to Genesee. Your email address and the contents of your message will be collected. The information collected is not limited to text characters and may include audio, video, and graphic information formats included in the message. Your email address and the information included in your message will be used to respond to you, to address issues you identify, to improve this website, or to forward your message to another Genesee contact for appropriate action. Your email address is not collected for non-university commercial purposes and Genesee will not sell or otherwise disclose your email address for non-university commercial purposes.

During your visit to Genesee's website you may complete a transaction such as a survey, registration, application, or other business

transaction. The information collected by Genesee, including personal information volunteered by you in completing the transaction, is used by Genesee and may be disclosed by Genesee for those purposes that may be reasonably ascertained from the nature and terms of the transaction in which the information was submitted.

Genesee does not knowingly collect personal information from children or create profiles of children through this website. Users are cautioned, however, that the collection of personal information submitted in an email will be treated as though it was submitted by an adult, and may, unless exempted from access by federal or State law, be subject to public access. Genesee strongly encourages parents and teachers to be involved in children's Internet activities and to provide guidance whenever children are asked to provide personal information online.

Information and Choice

As noted above, Genesee does not collect any personal information about you unless you provide that information voluntarily by filing an application, sending an email, responding to a survey, enabling your computer to reveal your username on that system, or completing an online transaction.

You may choose not engage in any of these activities. While your choice not to participate in these activities may limit your ability to receive specific services or products through this website, it may not normally have an impact on your ability to take advantage of other features of this website, including some browsing or downloading information.

Disclosure of Information Collected Through This Website

The collection of information through this website and the disclosure of that information are subject to the provisions of the Internet Security and Privacy Act. Genesee will only collect personal information through this website or disclose personal information collected through this website if the user has consented to the

collection or disclosure of such personal information. The voluntary disclosure of personal information to Genesee by the user, whether solicited or unsolicited, constitutes consent to the collection and disclosure of the information by Genesee for the purposes for which the user disclosed the information to the Genesee, as was reasonably ascertainable from the nature and terms of the disclosure.

Genesee may however collect or disclose personal information without consent if the collection or disclosure is: (1) necessary to perform the statutory duties of Genesee, or necessary for Genesee to operate a program authorized by law, or authorized by state or federal statute or regulation; (2) made pursuant to a court order or by law; (3) for the purpose of validating the identity of the user; or (4) of information to be used solely for statistical purposes that is in a form that cannot be used to identify any particular person.

The disclosure of information, including personal information, collected via this website is subject to the provisions of the Freedom of Information Law, the Family Educational Rights & Privacy Act (FERPA), and the Personal Privacy Protection Law.

Genesee may also disclose personal information to federal, state or local law enforcement authorities to enforce its rights against unauthorized access or attempted unauthorized access to Genesee's information technology assets.

Retention of Information Collected Through this website

The information collected through genesee.edu is retained by Genesee in accordance with the records retention and disposition requirements of the New York State Arts & Cultural Affairs Law. In general, the Internet services logs of Genesee, comprising electronic files or automated logs created to monitor access and use of Agency services provided through genesee.edu, are archived for future reference. Information, including personal information, that you submit in an e-mail or when you complete a

survey, application, financial transaction, registration form, or order form is retained in accordance with the records retention and disposition schedule established for the records of the program unit to which you submitted the information. Information concerning these records retention and disposition schedules may be obtained through the Internet privacy statement contact listed in this statement.

Access to and Correction of Personal Information Collected Through this Website

Any user may submit a request to Genesee's privacy compliance office to determine whether personal information pertaining to that user has been collected through this website. Any such request shall be made in writing and must be accompanied by reasonable proof of identity of the user. Reasonable proof of identity may include verification of a signature, inclusion of an identifier generally known only to the user, or similar appropriate identification. The address of the privacy compliance office is:

Internet Privacy Compliance Office
c/o Computer Services T-212
Genesee Community College
One College Rd.
Batavia, NY 14020

The privacy compliance office shall, within five (5) business days of the receipt of a proper request, provide access to the personal information; deny access in writing, explaining the reasons therefore; or acknowledge the receipt of the request in writing, stating the approximate date when the request will be granted or denied, which date shall not be more than thirty (30) days from the date of the acknowledgment.

In the event that Genesee has collected personal information pertaining to a user through genesee.edu and that information is to be provided to the user pursuant to the user's request, the privacy compliance office shall inform the user of his or her right to request that the personal information be amended or corrected under the procedures set forth in section 95 of the Public Officers Law.

Confidentiality and Integrity of Personal Information Collected Through this Website

Genesee is strongly committed to protecting personal information collected through this website against unauthorized access, use or disclosure. Consequently, Genesee limits employee access to personal information collected through this website to only those employees who need access to the information in the performance of their official duties. Employees who have access to this information follow appropriate procedures in connection with any disclosures of personal information. In addition, Genesee has implemented procedures to safeguard the integrity of its information technology assets, including, but not limited to, authentication, authorization, monitoring, auditing, and encryption. These security procedures have been integrated into the design, implementation, and day-to-day operations of this website as part of our continuing commitment to the security of electronic content as well as the electronic transmission of information.

For website security purposes and to maintain the availability of the website for all users, Genesee employs software to monitor traffic to identify unauthorized attempts to upload or change information or otherwise damage this website.

Links to External Websites

In order to provide users with certain information, this website provides links to the websites of other organizations. Such links provided on this website do not constitute an endorsement of the content, viewpoint, accuracy, opinions, policies, products, services, or accessibility of that website.

Disclaimer of Liability

It should be noted that the information provided in this privacy statement should not be construed as giving business, legal, or other advice, or warranting as fail proof, the security of information provided through Genesee. Although every effort is made to provide accurate and complete information, we cannot guarantee that

there will be no errors. With respect to documents and information on this website neither Genesee, nor their employees and contractors make any warranty, expressed or implied, including the warranties of merchantability and fitness for a particular purpose with respect to documents available from this website. Additionally, Genesee assumes no legal liability for the accuracy, completeness, or usefulness of any information or process disclosed herein and do not represent that use of such information or process would not infringe on privately owned rights.

Contact Information

For questions regarding this Internet privacy statement, please contact our privacy officer via e-mail at webmaster@genesee.edu or by regular mail at:

Internet Privacy Compliance Office
c/o Computer Services T-212
Genesee Community College
One College Rd.
Batavia, NY 14020

Definitions

The following definitions apply to this statement:

- Personal Information - shall have the meaning set forth in subdivision 5 of section 202 of the State Technology Law.

User - shall have the meaning set forth in subdivision 8 of section 202 of the State Technology Law.

Probation & Academic Standing

Good Academic Standing

Students are considered to be in good academic standing during the first eleven (11) credit hours for which they are registered at the College. Effective the term in which a student registers for his or her twelfth credit hour, the following standards are applied to maintain good academic standing:

- Students attempting a cumulative total of twelve (12) credit hours or more must have a cumulative grade point average

(GPA) of 2.0 or better to be in "good academic standing."

- Students with a term GPA less than 2.0 will be sent a letter reminding them that they must maintain a cumulative GPA of 2.0 or better, regardless of the cumulative hours or cumulative GPA, to remain in good academic standing.

Summary of Procedures

Standing	Credit Hour Limit	Requirement
Good Academic Standing	19 or fewer	Maintain a cumulative GPA of 2.0 or better
Probation Level 1	15 or fewer	Earn a cumulative GPA of 2.0 or better
Probation Level 2	13 or fewer	Earn a term GPA of 2.0 or better
Probation Level 3	6 or fewer	Earn a term GPA of 2.0 or better
Probation Level 4	3 or fewer	Earn a term GPA of 2.0 or better

Academic Probation: Students Not in Good Standing

Students not meeting the good academic standing guidelines are placed on probation Level 2. These students are limited to registering for thirteen (13) or fewer credit hours for the subsequent term. Students are notified in writing of this probationary status and of the expectations for improvement. Students who do not reduce their registrations to thirteen (13) or fewer credit hours by the deadline stated in the letter will have their registrations voided.

Students on probation Level 2 who do not earn a term GPA of 2.0 or better during that term are placed on probation Level 3.

Students on probation Level 2 who achieve a term GPA of 2.0 or better, but do not have a cumulative GPA of 2.0 or better will be placed on probation Level 1. Students on probation Level 1 are limited to registering for fifteen (15) or fewer credit hours until their cumulative GPA is 2.0 or better. Students who do not reduce their registrations to fifteen (15) or fewer credit hours

by the deadline stated in the letter will have their registrations voided.

Students on probation Level 1 who do not earn a term GPA of 2.0 or better during that term will be placed on probation Level 2.

Students on probation Level 3 are limited to registering for six (6) or fewer credit hours for the subsequent term. Students on probation Level 3 who achieve a term GPA of 2.0 or better will be placed back on probation Level 2. Students on probation Level 3 who do not earn a term GPA of 2.0 or better during that term will be placed on probation Level 4. Students who do not reduce their registrations to six (6) or fewer credit hours by the deadline stated in the letter will have their registrations voided.

Students on probation Level 4 are limited to registering for three (3) or fewer credits hours for the subsequent term. Students who complete their coursework with a term GPA of 2.0 or better will be placed back on probation Level 3 for the subsequent term. If this requirement is not met, students will remain on probation Level 4.

Students who do not reduce their registrations to three (3) or fewer credit hours by the deadline stated in the letter will have their registrations voided.

If a student feels that extenuating circumstances affected her/his academic performance, s/he may appeal in writing to the Academic Standards Committee of the Academic Senate. The Committee will meet during intersession to review these appeals.

If at the end of any term, regardless of the probation level, a student on probation earns a cumulative GPA of 2.0 or better, the student will be placed back in good academic standing.

At the end of each term, each student on probation will be sent written notification of his/her probation level, credit hour limitations, and deadlines relating to the Good Academic Standing procedure. This notification will be sent to the student's permanent address on file in the Business Office.

Religious Observance Disclosure

Genesee Community College recognizes the right of students to be absent from classes for religious reasons. Any student who is unable, because of his/her religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements. That student will have an equivalent opportunity to make up any examination, study, or work requirements which he/she may have missed because of such absence. It is the student's responsibility to notify an instructor at least a week in advance that he/she will be absent on a certain day because of a religious holiday. Applicable provisions of the education law which further protect the rights of students in this regard are reprinted below: No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he is unable, because of his religious beliefs, to attend classes or to participate in any examination, study, or work requirements on a particular day or days. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his religious beliefs, an equivalent opportunity to make up any examination, study, or work requirements which he/she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity. If classes, examinations, study, or work requirements are held on Friday after 4 p.m. or on Saturday, similar or makeup classes, examinations, study, or work requirements shall be made available on other days where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study, or work requirements held on other days. In effectuating the provisions of this section, it shall be the duty of the faculty and of the

administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because he or she avails himself or herself of the provisions of this section.

Any student, who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in the supreme court of the county in which such institute of higher education is located for the enforcement of his/her rights under this section.

Repeating a Course

Students may repeat a course for which credit has been received with a grade of A- or lower. If a higher grade is earned upon repeating a course, only the higher of the two grades will be computed to determine a cumulative grade point average (GPA), although both grades will be recorded on transcripts. A student may not repeat a course for which he or she has already received an "A" grade.

No course may be repeated solely in order to increase the number of credits earned in courses where the credit hours have been changed. The course will only be counted once toward graduation requirements and computation of total hours earned.

Full-time students who elect to repeat a course for which credit has already been received should register for 12 credit hours relevant to their degree program in addition to the repeated course in order to remain eligible for TAP awards. Full-time students who register for remedial courses should also register for at least six credits of non-remedial credit courses. However, during the first term of funding, a full-time student need only register for at least three credits of non-remedial credit courses. Students at community colleges are eligible for a total of six semesters of TAP funding.

Statement on Academic Freedom

Genesee Community College is committed to academic and intellectual freedom. The presentation and open discussion of ideas are fundamental aspects of higher education. The College recognizes that exposure to ideas that challenge and may even contradict personal beliefs is an inevitable part of this educational experience. Such exposure does not require acceptance of the ideas in question, but individuals may legitimately be expected to both learn from and respond to these ideas as a part of the educational process. The right of all individuals to hold belief systems of their choice, including systems objectionable to others, must be respected by all members of the College community. Students, faculty, and staff all must honor each person's right to differ and, in doing so, to become all he or she is capable of being.

Student Academic Appeals

Students having a complaint concerning an academic matter (for example, a course grade, graduation requirements, transfer credit) may grieve the complaint as follows. (Academic probation status appeals use a separate appeals process.)

Before the appeal process begins the student must discuss the complaint with the faculty or staff member whose action prompted the complaint. If the complaint is not resolved at this point, the student must then discuss the complaint with the appropriate academic director or supervising dean. When a complaint is not resolved to the student's satisfaction, (s)he may appeal to the Academic Standards Committee of the Academic Senate for a decision on the complaint (The appeals chair will verify that these discussions have taken place or facilitate them.)

1. The student must initiate contact with the Academic Standards Committee by submitting a Request to Appeal form either electronically via the Genesee Community College website or by U.S.

mail addressed to: Office of the Associate Vice President for Student Success, ATTN.: Academic Standards Committee. The form can be found at <http://faculty.genesee.edu/senate/appeal.htm>, or a copy may be obtained from the Office of the Associate Vice President for Student Success. A copy of the appeal form will be forwarded to the Academic Standards Committee Appeals Chair, the Executive Vice President for Academic Affairs, and the course instructor. There is a fifteen-day statute of limitations to initiate contact with the Academic Standards Committee on all student academic appeal issues. This statute of limitations period begins on the first day of the next full semester (Fall or Spring) following the post date of the disputed grade. Exceptions to this statute of limitations may be made on a case-by-case basis. This decision will be made by the appeals chair.

2. The student will be contacted by the Academic Standards Appeals Chair and the appeal process will begin. Copies of the appeal procedure details are available in the Office of the Vice President of Student and Enrollment Services.
3. Decisions of the Academic Standards Committee may be appealed by the student to the Executive Vice President for Academic Affairs. The decision by the Executive Vice President for Academic Affairs will be final.

Transcript Request

Please be advised, if you have any active holds on your account such as Business Office, Library, Dean of Students, etc. your transcript request will not be processed until the hold is cleared. A username@my.genesee.edu email address is required to order a transcript through your myGCC account. If you stopped attending or graduated prior to Fall 2009, you may not have been issued a my.genesee.edu email address and therefore are unable to order a

transcript through your myGCC account. If this is the case, we recommend you start with the process for "ordering a transcript without a myGCC account".

How to order an OFFICIAL transcript through myGCC:

1. Log into your myGCC account.
2. Select Banner Self-Service
3. Select Student Services
4. Select Student Records Information Menu
5. Select Request Official Transcripts
6. Follow the instructions to place a transcript order

How to order an OFFICIAL/UNOFFICIAL transcript without a myGCC account:

Students who attended Genesee prior to 1995 may not have electronic records available. Whether you are seeking an official or unofficial transcript, if you attended Genesee prior to 1995, please use this option to request a transcript.

1. Navigate to Transcript Ordering Services: <https://www.credentials-inc.com/CGI-BIN/dvcqitp.pgm?ALUMTRO006782>
2. Follow the instructions to place a transcript order

Note: All users submitting a transcript request without a myGCC account will be required to sign a consent form.

How to view an UNOFFICIAL transcript through myGCC

1. Log into your myGCC account.
2. Select Banner Self-Service
3. Select on Student Services
4. Select Student Records Information Menu
5. Select Academic Transcript

Withdrawal from a Course

Students may officially withdraw from a course through the ninth week of classes during a full semester course and prior to the completion of 9/16 of a course during the summer or special classes. Withdrawal deadlines are published each semester. In order to officially withdraw, a student may withdraw online (through Genesis) or by submitting a registration change form to the

Records Office. It is the student's responsibility to properly withdraw. Withdrawal grades will be assigned as follows:

- Official withdrawals received by the Records Office prior to the census date (i.e. the end of the third week of classes) will result in the course being deleted from the student's record and no grade will be recorded
- Official withdrawals received by the Records Office after the census date and prior to the end of the ninth week (specific date published each semester) will result in a grade of "W"
- Formal withdrawal may not be initiated after the ninth week of classes (specific date published each semester). Failure to complete course requirements will result in a grade of "F"
- Refunds are not given without advanced withdrawal notice from the student. Refund and charge reductions are determined by the date of written withdrawal notice.

Withdrawal from the College

Students finding it necessary to withdraw from the College before the end of a term in which they are enrolled must follow established withdrawal procedures. Withdrawals may be completed online (through Genesis) or in person in the Records Office. Refunds are given on a pro rata basis and are not given without advance withdrawal notice from the student. The student should contact the Business Office immediately if he/she is considering withdrawal from the College.

COLLEGE DIRECTORY

Board of Trustees

Genesee Community College is governed by a 10-member Board of Trustees. Five of the trustees are appointed by the Genesee County Legislature, the sponsoring organization; four are appointed by the governor of the State of New York; and one is elected by the student body.

Terms are for seven years, except for the student trustee who serves a one-year term. The trustees act to set College policy, approve long-range plans, act on approval of the College's annual operating and capital budgets, and make recommendations on administrative, faculty, and student concerns. They also serve as an important link between the College and the community. They work with the local sponsor of the College, the Genesee County Legislature, which approves and shares support for the College budget.

Currently serving as trustees are:

Donna M. Ferry, Chairman
Peter R. Call, Vice Chairman
Jacalyn F. Whiting, Secretary
Benjamin J. Bonarigo, Sr.
Robert L. Boyce
Maureen J. Marshall
Laurie J. Miller
Diane D. Torcello

Trustees Emeriti

Virginia B. Adams
Mary E. Balduf
Robert J. Bausch
Laura J. Bohm
John H. DeWitt
Marcia H. Noonan
Joan M. Phelps
Jane E. Read
Charles R. Ruffino
Craig Yunker

Previous Presidents of the College

Dr. Alfred O'Connell, 1967-1970
Dr. Cornelius Robbins, 1970-1975
Dr. Stuart Steiner, President Emeritus, 1975-2011

**Genesee Community College
Foundation, Inc. 2016-2017 Foundation
Board of Directors**

Foundation Officers:

Todd J. Bender, President
Richard B. Henry, First Vice President

James M. Sunser, Second Vice President
Thomas R. Turnbull, Secretary
Brian M. Daviau, Treasurer

Members:

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Robert L. Boyce
Robyn Brookhart
Peter R. Call
Roger F. Christiano
Thomas A. Cox
John C. Dwyer
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Patrick C. Forsyth
Norbert J. Fuest
Theron E. Howard
Patricia A. Kent
Jerome F. Pawlak
Russell P. Romano
Nathan L. Rudgers
Robert C. Savage
James F. Smith
Michael S. Tomaszewski
Alan J. Tomidy
Jacalyn F. Whiting
Wendy O. Wilson
John J. Witkowski

Administrative Officers of the College

James M. Sunser, President
A.A.S. Onondaga Community College, B.S.
Syracuse University, M.S. SUNY College at
Brockport, C.A.S. University of Rochester,
Ed.D. University of Rochester
Bethany Aradine, Executive Assistant to the
President
A.A.S. Genesee Community College, B.S.
Empire State College
William T. Emm, Executive Vice President for
Finance and Operations/Chief Financial Officer
A.A.S. SUNY College at Morrisville, B.S.
Syracuse University, M.S. Keuka College
Kathleen M. Schiefen, Provost and Executive
Vice President for Academic Affairs

- A.A.S. Trocaire, B.S. Roberts Wesleyan, M.S. SUNY College at Buffalo, Ph.D. Capella University
- Gina M. Weaver, Associate Vice President for Human Resources
B.A. SUNY College at Potsdam, M.B.A. St. John Fisher College
- Shelitha W. D. Williams, Vice President for Student and Enrollment Services
B.A. SUNY Potsdam, M.S.W. Stony Brook University, Ed. D. University of Rochester
- Allison M. Agnello, Assistant Director of Human Resources, Employment and Engagement
A.A.S. Niagara County Community College, B.S. SUNY Empire State College, M.A. Medaille College
- Rafael Alicea-Maldonado, Dean of Math, Science and Career Education
B.S. University of Puerto Rico, Rio Piedras Campus, Ph.D. SUNY University at Buffalo
SUNY at Buffalo, Received the Department of Chemistry, Mattern-Tyler Excellence in Teaching Award, 1995–1996
Received the State University Chancellor’s Award for Excellence in Teaching, 2004-2005
Received the State University Chancellor’s Award for Faculty Services 2010-2011
Received the State University Chancellor’s Award for Excellence in Professional Service 2015-2016
- Courtney M. Andros, Assistant Director of Human Resources, Compliance
B.A. Westfield State University, M.A. Stony Brook University
- Joseph A. Bailey, Assistant Dean for Enrollment Services/Director of Financial Aid
B.A. University of Rochester, M.S. University of Rochester
Received the State University Chancellor’s Award for Excellence in Professional Service, 2004-2005
- Patricia Chaya, Dean of Student Services
B.A. SUNY College at Fredonia, M.S. SUNY College at Buffalo
- Received the State University Chancellor’s Award for Excellence in Professional Service, 2012-2013
- Amy L. Churchfield, Associate Dean, Livingston County Campus Centers
B.S. Elmira College, M.A. Indiana University of Pennsylvania
- Patricia Furness, Assistant Director, Operations
A.A.S. Genesee Community College, B.S. SUNY Empire State College
- Lindsay A. Gerhardt, Assistant Dean for Admissions and Recruitment
B.A. Mercyhurst University, M.S. Ed. Nazareth College
- Jessica Hibbard, Associate Dean, Wyoming County Campus Centers
A.A.S. Genesee Community College, B.A. SUNY University at Albany, M.A. Stony Brook University
- Craig R. Lamb, Dean of Distributed Learning
B.S. St. Lawrence University, M.S. SUNY Plattsburgh, Ph.D. SUNY University at Albany
- Tanya Lane-Martin, Associate Dean for Students
B.A. Alfred University, M.P.A. SUNY College at Brockport
Received the State University Chancellor’s Award for Excellence in Professional Service, 2003-2004
- Edward Levinstein, Associate Dean for Accelerated College Enrollment Programs
B.A. SUNY College at Oswego, M.A. SUNY College at Brockport
- Carol Marriott, Associate Vice President for Institutional Research and Assessment
B.A. SUNY at Buffalo, M.Ed. SUNY University at Buffalo
Received the State University Chancellor’s Award for Excellence in Professional Service, 2015-2016
- Kathryn A. Meloon, Bursar
B.S. Houghton College, M.S. Keuka College
- Levi T. Olsen, Director of Buildings and Grounds
A.A.S. Genesee Community College, B.S.

SUNY University of Buffalo, M.S. University of Rochester

Thomas Priester, Associate Vice President for Student Success

B.A. SUNY College at Fredonia, M.S. SUNY College at Buffalo, Ed.D. St. John Fisher College

Terence Reding, Assistant Dean for Records and Advisement

B.S. Houghton College, M.S. SUNY College at Buffalo

Monica Romeo, Assistant Dean of Student Services

B.A. SUNY University at Buffalo, M.S. Niagara University, M.Ed. Niagara University, C.A.S. Niagara University, Ph.D. SUNY University at Buffalo

James J. Simon, Associate Dean, Orleans County Campus Centers

B.S. United States Air Force Academy, M.A. University of Utah

Received the State University Chancellor's Award for Excellence in Professional Service, 2016-2017

Donna Rae Sutherland, Associate Director of Marketing Communications

B.S. Syracuse University
Received the State University Chancellor's Award for Excellence in Professional Service, 2010-2011

Timothy P. Tomczak, Dean of Human Communications and Behavior

B.A. Mercyhurst College, M.A. SUNY College at Genesee

Received the State University Chancellor's Award for Excellence in Teaching, 1993–1994
Received the State University Chancellor's Award for Scholarship and Creative Activities, 2005-2006

Received the State University Chancellor's Award for Excellence in Faculty Service, 2017-2018

Kristin L. Yunker, Controller

B.S. SUNY University at Buffalo, M.B.A. SUNY University at Buffalo, C.P.A. State of New York

Administrative Staff

Debbie L. Allen, Director of Campus Operations, Livingston Campus Centers

A.A.S. SUNY College at Alfred, B.S. SUNY College at Brockport

Maryanne Arena, Director of Fine and Performing Arts / Professor

B.A. East Stroudsburg University, M.F.A. Brooklyn College

Received the State University Chancellor's Award for Excellence in Professional Service, 2008-2009

Michele K. Bokman, Director of Operations, Orleans Campus Centers

B.A. Syracuse University, M.A. SUNY College at Brockport

Karyn S. Bryson, Coordinator, Paralegal Program/Assistant Professor

B.A. SUNY College at Brockport, J.D. Southwestern University School of Law

James Bucki, Director of Information Technology Programs/Assistant Professor

B.S. Syracuse University, M.B.A. SUNY University at Buffalo

Carolyn M. Caccamise, Director of Veterinary Technology Programs/Associate Professor

B.A. Eisenhower College, D.V.M. Cornell University

Barry C. Chow, Director of Learning Technology Services

B.A. University of Texas, M.A. SUNY College at Brockport

James Donsbach, Director of Grant Services

B.S. Siena College, M.S. SUNY University at Albany

Rebecca Dziekan, Director of Health and Physical Education/ Professor

B.S. SUNY College at Brockport, M.S. Indiana State University

- Received the State University Chancellor's Award for Excellence in Faculty Service, 2014-2015
- Marirose Ethington, Director of Science/Professor
B.S. SUNY at Geneseo, M.A. SUNY at Geneseo
Received the State University Chancellor's Award for Excellence in Teaching, 2000–2001
Received the State University Chancellor's Award for Excellence in Faculty Service, 2009-2010
- Jodi Harvey, Director of Humanities and Human Services/Assistant Professor
B.S. SUNY College at Brockport, M.Ed. Roberts Wesleyan College
- Michael A. Heel, Director of Interdisciplinary Academic Support
B.A. Colby College, M.P.P. Harvard University, M.A. University of Rochester
- Christopher Kemp, Director of Mathematics and Engineering Science/Associate Professor
B.A. SUNY University at Buffalo, B.S. SUNY College at Brockport, M.B.A. SUNY College at Brockport
- Peggy C. Kerr, Director of Physical Therapy Assistant Program/Professor
B.S. SUNY University at Buffalo, M.S. SUNY University at Buffalo, M.S. SUNY at Brockport
Received the State University Chancellor's Award for Excellence in Teaching, 1994–1995
- Lina LaMattina, Director of Business Programs/Assistant Professor
B.S. Canisius College, M.S. SUNY College at Buffalo, Ed.D. D'Youville College
- John M. McGowan, Sr., Director of Business and Employee Skills Training
A.S. Genesee Community College, B.S. SUNY College at Brockport, M.S. SUNY College at Brockport, Psy.D. University of the Rockies
Received the State University Chancellor's Award for Excellence in Professional Service, 2012-2013
- Jessica R. Olin, Director of Library Services/Assistant Professor
B.A. Hood College, M.S. Simmons College, M.A. Trident University International
- Laurel Sanger, Director of Nursing/Associate Professor
B.S. Valparaiso University, M.P.A. SUNY College at Brockport, M.S. Nazareth College
- Joanna M. Santos, Director of Operations, Wyoming County Campus Centers
B.A. SUNY College at Geneseo, M.S. SUNY College at Geneseo
- Kristen E. Schuth, Director of Athletics
B.S. SUNY College at Brockport, M.S. California University of Pennsylvania
- Clifford M. Scutella, Director of Student Activities
A.A.S. Monroe Community College, B.A. SUNY College at Brockport, M.S. SUNY College at Brockport
Received the State University Chancellor's Award for Excellence in Professional Service, 2002-2003
- Marshann Thomas, Director of Polysomnographic Technology Program/Associate Professor
A.A.S. Erie Community College, B.S. SUNY Health Science Center at Syracuse, M.Ed. SUNY University at Buffalo
- JoNelle Toriseva, Director of English & Communication Arts/Associate Professor
B.A. Concordia College, M.A. Bemidji State University, M.F.A Mills College
Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities for 2018-2019
- Maureen A. Welch, Director of Respiratory Care Program/Instructor,
B.S. SUNY Upstate Medical University
- Stephen Wise, Director of Campus Safety
B.S. SUNY College at Brockport, M.S. Keuka College

Directors of Grant Funded Programs

Mary Ann N. Bowman, Director, Liberty Partnership Program
A.S. Genesee Community College, B.S. SUNY College at Brockport

Lisa C. Krause, Director of Upward Bound Programs
B.A. SUNY College at Geneseo, M.A. Nazareth College, C.A.S. SUNY College at Oswego

Mary Alice Torba, Project Director, Student Support Services
B.S. SUNY College at Buffalo, M.S. Niagara University

Katherine Trombley, Director of Adult Educational Opportunity Center
A.A. Niagara County Community College, B.A. SUNY College at Buffalo, M.S. Daemen College, M.S. SUNY College at Buffalo

Faculty

Michelle Abdella, Associate Professor of Mathematics
A.A.S. Genesee Community College, B.S. SUNY College at Brockport, M.A. SUNY College at Brockport
Received the State University Chancellor's Award for Excellence in Teaching, 2010-2011

Shawn Adamson, Assistant Professor of English
B.A. Long Island University, M.A. SUNY University at Binghamton

Meredith L. Altman, Professor of Mathematics
B.S. Roberts Wesleyan College, M.A. University of Kentucky
Received the State University Chancellor's Award for Excellence in Teaching, 1994-1995
Received the State University Chancellor's Award for Excellence in Faculty Service, 2011-2012

Elise Banfield, Associate Professor of Psychology
B.A. SUNY College at Geneseo, M.S. St Bonaventure University, M.A. SUNY College at Brockport

Received the State University Chancellor's Award for Excellence in Teaching, 2011-2012

Valerie Bello, Associate Professor of Communication and Media Arts
B.S. Medaille College, M.A. SUNY University at Buffalo
Received the State University Chancellor's Award for Excellence in Teaching, 2012-2013

Christine Belongia, Professor of Teacher Education
A.S. Genesee Community College, B.S. SUNY College at Brockport, M.A. SUNY University at Buffalo
Received the State University Chancellor's Award for Excellence in Teaching, 2005-2006
Received the State University Chancellor's Award for Excellence in Faculty Service, 2012-2013

Toni Boyd, Instructor of English
A.A. Southeastern Community College, B.A. Western Illinois University, M.A. Western Illinois University

James D. Brooks, Instructor of Psychology & Human Services
B.A. Sociology, St. John Fisher College, M.A. University of Texas at Austin, Ph.D. University of Texas at Austin

Jay Bushen, Instructor of Criminal Justice
B.A. SUNY College at Buffalo, M.A. SUNY Empire State College

Christopher Caputi, Associate Professor/Clinical Education Coordinator, Physical Therapy Assistant Program
B.S. D'Youville College, M.S. D'Youville College, D.P.T. Upstate Medical University
Received the State University Chancellor's Award for Excellence in Teaching, 2014-2015

Jean Chenu, Associate Professor of Office Technology and Business
B.S. SUNY College at Buffalo, M.S. SUNY College at Buffalo

Amy Conley, Professor of Accounting and Business
B.S. St. John Fisher, C.P.A. University of the

- State of New York, M.B.A. Rochester Institute of Technology
Received the State University Chancellor's Award for Excellence in Teaching, 2013-2014
- Cheryl A. Corke, Professor of Accounting
B.S. St. John Fisher College, M.B.A. Rochester Institute of Technology,
Received the State University Chancellor's Award for Excellence in Teaching, 2009-2010
- Michael Crittenden, Professor of Physics
A.S. Cayuga Community College, B.S. University of Rochester, M.S. Syracuse University
Received the State University Chancellor's Award for Excellence in Teaching, 1996-1997
Received the State University Chancellor's Award for Excellence in Faculty Service, 2007-2008
- Kristine Dassinger, Assistant Professor of English and Journalism
B.A. Dickinson State University, M.A. University of Alaska at Fairbanks
- Maureen E. Dugan, Professor of Ceramics and 3 Dimensional Art
B.A. SUNY College at Cortland, M.F.A. Rochester Institute of Technology
Received the State University Chancellor's Award for Excellence in Teaching 2010-2011
- Stephanie L. Durfee, Instructor of Nursing
A.A.S. Genesee Community College, B.S. Daemen College, M.S.N. University of Phoenix
- Donna J. Ehrhart, Professor of Business/Computer Information Systems
A.A.S. Erie Community College, B.S. SUNY College at Buffalo, M.S. SUNY College at Buffalo, C.A.S. Syracuse University
Received the State University Chancellor's Award for Excellence in Teaching, 2002–2003
Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2016-2017
- Beth Felix, Instructor of Nursing
A.S. Genesee Community College, B.S.N. SUNY College at Brockport, M.S. Roberts Wesleyan College
- Tracy A. Ford, Associate Professor of English
B.A. Humboldt State, M.A. Humboldt State
- Brian Fraser, Associate Professor of Math and Chemistry
B.A. SUNY College at Potsdam, Ph.D. University of California at Los Angeles
- Norman Gayford, Professor of English
B.A. St. Lawrence University, M.A.T. Brown University, M.A. SUNY at Brockport
Received the State University Chancellor's Award for Excellence in Teaching, 1991–1992
Received the State University Chancellor's Award for Excellence in Faculty Service, 2006-2007
Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2013-2014
- Gary Glaser, Professor of Biology
B.A. SUNY University at Buffalo, M.S. SUNY University at Buffalo
Received the State University Chancellor's Award for Excellence in Teaching, 2016-2017
- Ruth Gliss, Professor of Nursing
B.S.N. D'Youville College, M.S.N. D'Youville College
- R. Michael Gosselin, Associate Professor of English
B.A. Salem State College, M.A. University of Massachusetts
- Kathleen Gurak, Associate Professor of Health and Physical Education
B.S. SUNY College at Brockport, M.S. SUNY College at Brockport
Received the State University Chancellor's Award for Excellence in Teaching, 2016-2017
- Kari A. Heidemann, Instructor of Human Services
B.A. Niagara University, M.A. SUNY College at Brockport
- Rebecca D. Herlan, Instructor of Nursing
B.A. Williams College, B.S.N. Michigan State University, M.S. Roberts Wesleyan College

Timothy Hinz, Associate Professor of Information Technology

B.S. SUNY College at Buffalo, M.S. SUNY College at Buffalo

Marie Iglesias-Cardinale, Professor of English

B.A. University of California Los Angeles, M.A. Humboldt State University, M.F.A. Vermont College

Received the State University Chancellor's Award for Excellence in Teaching, 1997-1998

Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2005-2006

Bruce Ingersoll, Associate Professor of Veterinary Technology

B.S. University of Richmond, D.V.M. Cornell University

Julie Jackson-Coe, Associate Professor of Reading

B.A. St. Bonaventure University, M.S. SUNY College at Buffalo

Received the State University Chancellor's Award for Excellence in Teaching 2012-2013

David W. Johnson, Assistant Professor of Biology

B.S. SUNY College at Oswego, M.S. University of Rochester, Ph.D. University of Rochester

Received the State University Chancellor's Award for Faculty Services 2017-2018

Heather S. Jones, Professor of Fine Arts

B.F.A. Alfred University, M.F.A. Rochester Institute of Technology

Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities 2014-2015

Katrina L. Jones-Galasik, Instructor of Nursing

B.S. SUNY College at Brockport, B.S.N. University of Rochester

Josephine Kearney, Assistant Professor of Sociology and Human Services

B.A. Daemen College, M.A. SUNY University at Buffalo

Kathleen Kimber, Professor of Spanish

B.A. SUNY College at Potsdam, M.A. Indiana

University

Received the State University Chancellor's Award for Excellence in Teaching, 2003-2004

Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2010-2011

Received the State University Chancellor's Award for Excellence in Faculty Service for 2018-2019

Kathleen Klaiber, Associate Professor of ESL/English

B.A. Pace University, M.A. University of Utah

Received the State University Chancellor's Award for Excellence in Teaching 2013-2014

Mary Knappen, Professor of Mathematics

B.S. Roberts Wesleyan College, M.A. SUNY College at Brockport

Received the State University Chancellor's Award for Excellence in Teaching, 2007-2008

Jodi E. Limner, Instructor of Nursing

A.S.N. Monroe Community College, B.S.N. Roberts Wesleyan College

Kristina R. LoBello, Instructor of Nursing

A.A.S. Genesee Community College, B.S.N. University of Rochester, M.S. University of Rochester, M.S. University of Rochester

Derek Maxfield, Associate Professor of History

B.A. SUNY College at Cortland, M.A. Villanova University

Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2012-2013

Received the State University Chancellor's Award for Excellence in Teaching, 2018-2019

Brendan J. McCabe, Instructor of Biology

B.A. College of Wooster, M.S. SUNY College at Brockport, Ph.D. University of Western Ontario

Kenneth Mead, Professor of

Mathematics/Computer Information Systems

B.A. SUNY University at Buffalo, M. Ed SUNY University at Buffalo

Received the State University Chancellor's Award for Excellence in Teaching, 1995–1996

Received the State University Chancellor's

- Award for Excellence in Scholarship & Creative Activities, 2004-2005
Received the State University Chancellor's Award for Excellence in Faculty Service, 2016-2017
- Oliver C. Miller, Instructor of Computer Information Systems
A.A.S. Erie Community College, B.S. SUNY College at Buffalo, M.S. Rochester Institute of Technology, M.B.A. Rochester Institute of Technology
- Richard Muolo, Instructor of Nursing,
A.S. Genesee Community College, B.S. University of Rochester
- James Myers, Assistant Professor of Human Services/Alcohol and Substance Abuse
A.A.S. Genesee Community College, B.S.W. Roberts Wesleyan College, M.S.W. SUNY University at Buffalo
- Lauren Paisley, Professor of Business
B.S. D'Youville College, M.B.A. SUNY University at Buffalo
Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities 2009-2010
- Crystal Parmele, Instructor of Nursing
A.A.S. Finger Lakes Community College, B.S. Roberts Wesleyan College, M.S. Roberts Wesleyan College
- Philip Pickering, Associate Professor of Mathematics
A.S. Monroe Community College, B.S. SUNY College at Brockport, M.A. SUNY College at Brockport
Received the State University Chancellor's Award for Excellence in Teaching, 2006-2007
- Amy S. Provenzo, Clinical Education Coordinator/Instructor, Respiratory Care
B.S. Indiana University of Pennsylvania
- Amy Schnettler-Zak, Associate Professor of Nursing
A.A.S. Erie Community College, B.S. Daemen College, M.S. Daemen College
- Ronald Schumacher, Assistant Professor of Engineering Math, and Science
B.S.M.E. SUNY College at Buffalo, M.S.M.E. SUNY College at Buffalo
- Paul Schwartz, Assistant Professor of Chemistry
B.S. St Lawrence University, M.S. Lehigh University
- Charles Scruggs, Professor of History
A.B. Princeton, M.A. SUNY University at Albany, M.Ed. University of Pennsylvania
Received the State University Chancellor's Award for Excellence in Teaching, 2014-2015
- Gregory T. Sharpe, Instructor of Food Processing Technology
A.A.S. SUNY College at Morrisville, B.S. SUNY College at Fredonia
- Jennifer Sisbarro, Associate Professor of Music
B.A. SUNY College at Geneseo, M.Mus. Ithaca College
- Amy L. Slusser, Professor of Tourism and Hospitality Management
B.S. Rochester Institute of Technology, M.S. Rochester Institute of Technology
Received the State University Chancellor's Award for Excellence in Teaching, 2007-2008
- Daniel Snyder, Instructor of Speech Communication
B.S. SUNY College at Brockport, M.A. SUNY College at Brockport
- Teresa Sukiennicki, Associate Professor of Biology
B.S. Stanford University, Ph.D. University of Washington
- Garth Swanson, Professor of History
A.A. Jamestown Community College, B.A. St. Bonaventure, M.A. Ohio University
Received the State University Chancellor's Award for Excellence in Teaching, 2006–2007
Received the State University Chancellor's Award for Excellence in Faculty Service, 2013-2014
- Pamela Swarts, Associate Professor of Digital Art

B.A. SUNY College at Fredonia, M.F.A. SUNY University at Albany

Robert Swinarski, Instructor of Computer Systems and Networking

A.A.S. Genesee Community College, B.S. SUNY College at Brockport

Rebecca V. Tallo, Professor of Mathematics
A.S. Genesee Community College, B.S. SUNY College at Brockport, M.A. SUNY College at Brockport

Received the State University Chancellor's Award for Excellence in Teaching, 1995–1996

Laura J. Taylor, Instructor of Fashion Business Merchandising

B.S. SUNY College at Oneonta, M.F.A. Academy of Art University

Candice Vacin, Professor of Psychology
A.A. Niagara County Community College, B.A. SUNY College at Geneseo, M.A. SUNY University at Buffalo

Received the State University Chancellor's Award for Faculty Services 2017-2018

Michael von Schiller, Assistant Professor of Health and Physical Education

A.A.S. SUNY College at Canton, B.S. SUNY College at Brockport, M.Ed. St. Lawrence University

Karen K. Wicka, Professor of Criminal Justice
B.A. SUNY College at Potsdam, J.D. Albany Law School

Received the State University Chancellor's Award for Excellence in Teaching, 2015-2016

Anne M. Wood, Instructor of Economics

B.S. SUNY College at Fredonia, M.S. West Virginia University

Kelley Zanghi, Instructor of English

B.A. SUNY College at Fredonia, M.A. SUNY College at Fredonia

Joseph Ziolkowski, Associate Professor of Photography

B.A. Southern Illinois University at Carbondale, M.F.A. School of the Art Institute of Chicago, M.S. Nazareth College

Received the State University Chancellor's

Award for Scholarship and Creative Activities, 2017-2018

Faculty Emeriti

Ruth E. Andes, Professor of Sociology

Larry D. Barnes, Professor of Psychology

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