COLLEGE CATALOG 2023 - 2024

This catalog was sponsored by Genesee County under the program of the State University of New York and published by Genesee Community College. The information in this catalog is accurate to the best of our knowledge as of the date of the catalog's production.

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 admission representative and/or student success coach. 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.

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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, learner-centered community college, we foster exceptional teaching and educational opportunities that support equitable intellectual and social growth, a commitment to diversity, economic advancement, and engaged citizenship, while focusing on individualized service.

Our Six Core Values:
1. Community
2. Diversity
3. Integrity
4. Learning
5. Opportunity
6. Respect
7. Sustainability

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 Therapist Assistant Program

Commission on Accreditation in Physical Therapy Education (CAPTE)
1111 North Fairfax St
Alexandria, Virginia 22314
703-706-3245
www.capteonline.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 Campus Centers located in Livingston, Orleans and Wyoming counties. With 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

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 is the new "front door" of the Batavia Campus. The Student Success Center brings admissions, financial aid, academic advisement, student accounts, records, career counseling, and a variety of other student services into one building. The one-stop service center features Student 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 athletics 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.

Anthony T. Zambito Gymnasium
Home to the Cougars, GCC's Anthony T. Zambito Gymnasium houses fast-paced intercollegiate contests in basketball, and volleyball. The gymnasium is home to many of GCC's intramural sports activities, serving

hundreds of students annually, and also hosts community athletic invitational events.

Genesee Aquatic Center

You name the water event - swim team practice, open swimming, scuba classes, or community events - and you will find it at the Batavia Campus pool. Ideal for casual and competitive swimmers, the pool can accommodate up to 100 users and has a maximum depth of twelve feet.

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 Office of Student Engagement & Inclusion, Veterans Services Office and Student Government Center are housed in the Student Union. The building includes a fireplace, 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 a 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 flexible hours during Fall/Spring semesters provides an excellent learning environment to foster student success. The library's website serves as a portal to over 90,000 circulating and reference print titles, eBooks, music CDs, periodicals, audiobooks, more than 60 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. Laptops are available for students to loan from the library by referral from an instructor, success coach or academic advisor. Librarians teach information literacy skills in a fully equipped classroom computer lab, at all campus center locations, and in many online courses. Scheduled tutoring services are available in the library. GCC library resources are available for use at no charge to GCC students, faculty, staff and the entire community.

STUDENT SUPPORT & SERVICES

Academic Advisement

Student Success Coaches and advisors across campus provide important academic guidance and support while you are a student at GCC. Coaches and advisors will assist you in choosing the correct classes for your degree program, keep you informed about enrollment services and campus resources, and help you monitor progress toward degree completion.

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. Visit www.genesee.edu/advisement to schedule an appointment with the Student Success Coach assigned to your major or a Campus Center Advisor.

Accelerated College Enrollment (ACE) Programs
Room D309
585-345-6801
ace@genesee.edu

ACE Programs are partnerships between Genesee Community College and Western New York high schools to provide college courses to secondary students. These programs offer accelerated high school and homeschooled students the opportunity to enroll in college level courses and to earn college credits from Genesee Community College. Credits earned through ACE Programs are offered at discounted tuition rates and are highly transferable throughout the State University of New York (SUNY) system and well beyond.

ACE Programs consist of:

Advanced Studies: Courses taught in high schools by college approved high school faculty.
College Today: In-person and online courses taught by college faculty at, or from a GCC location.
Career Pathways: Partnership with Genesee Valley BOCES that provides hands-on and work-based instruction combined with college credit coursework.
Excel Program: Provides accelerated middle-school students with the opportunity to begin college preparation and even college coursework with the goal of obtaining an associate degree simultaneously with their high school diploma.
Homeschool Program: Allows homeschooled students to enroll in existing college course sections in order to satisfy NYS high school diploma requirements while simultaneously progressing toward an associate degree.
Liberty Partnership: The Liberty Partnership Program was started in 1988 by the New York State Department of Education.   Liberty Partnership is a grant program that provides services to students in public and non-public schools in grades five to twelve who are identified as "at risk" of dropping out of school. The program seeks to remove the barriers which prevent many young adults from graduating from high school and encourages these students to pursue higher education or post-secondary vocational training.
Upward Bound: Federal grant funded program designed to provide college preparation,

academic and social support for first-generation college students and lower-income students.

Access & Accommodations
Room C219
585-343-0055 x6219
access@genesee.edu
Students can begin the process by making an appointment with the Access & Accommodation office. Appointments can be in person, by phone or remotely.

Services and reasonable accommodations are provided to students who complete the Intake for Access & Accommodations and submit documentation of the disability from an appropriate and qualified health professional (QHP). The documentation must be current, preferably within the last three years (the acceptable age of documentation is dependent upon the disabling condition, the status of the student, and the student's specific request for accommodation). The documentation should also be from someone with whom the student currently, or in the recent past, has a working relationship. The qualified health professional cannot be a relative of the student.

Adult Educational Opportunity Center
Room D208
585-345-6836
aeoc@genesee.edu
The Adult Educational Opportunity Center (AEOC) is a TRIO federal grant 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 participants who enroll in postsecondary education institutions.

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.

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, e-books, trade books, supplies, gift items, and imprinted clothing. The bookstore will match prices on textbooks with Amazon.com and BN.com! The book must be available in the same condition as 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 for 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 (about 1 and a half days) of continuous training each year to update their skills. Campus safety is responsible for 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 oversees the security and safety of College Village, the campus residential living community.

Career Services
career@genesee.edu
In support of Genesee Community College's mission and vision, Career Services is committed to aiding in navigating career and educational planning. Career Services 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 Genesee Community College Association Child Care Center is located at the main entrance of the Batavia Campus. GCCA offers complete childcare services for infants six weeks to preschool aged children, with a summer program included. All SUNY Child Care Centers are licensed by the New York State Office of Children and Family Services. GCCA is committed to providing a safe, and welcoming classroom environment for children of all abilities, backgrounds and experiences.

GCCA Child Care Center offers both full-time and part-time care, designed to serve children of GCC students, faculty, staff and community

members. SUNY childcare centers allow parents to attend school and work while providing a foundation of care and education for young children.

The hours of operation for the GCCA Child Care center are from 7:30 a.m. to 5:00 p.m., Monday through Friday, following the academic calendar.

Childcare tuition rates are set according to the age and number of days the child utilizes care at the center. The U.S. Department of Education and the State University of New York awarded grant funds for childcare tuition subsidies for income eligible Genesee Community College students.

Counseling Services
Room C219
585-343-0055 x6219
counseling@genesee.edu
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.

Learning Center
Located in the Library 585-343-0055 x6099
tutoring@genesee.edu
The GCC Learning Center provides support to all students through academic discipline-based tutoring, writing assistance, and helping students develop success skills. Students can meet with tutors through flexible scheduling options for in-person and online appointments as well as drop-in hours. The Learning Center offers students opportunities to work with trained tutors as well as a place to study.

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 Engagement and Inclusion
Room S115
585-343-0055 x6261
sa@genesee.edu
genesee.edu/sei

The Office of Student Engagement and Inclusion (SEI) promotes positive social change through transformative engagement and learning, GCC students will acquire the necessary skills that will enable them to transition and become leaders in their endeavors post-GCC. SEI will hone the student experience at GCC, providing a foundation for continuous life-long learning and self-exploration.

Student Wellness Center
Room B109
585-345-6835
health@genesee.edu

The GCC student Wellness Center located in B109 (just behind the cafeteria in the "B" Building), is staffed Monday through Friday. Hours of operation vary with the college calendar. Our Wellness Specialist offers health and wellness program throughout the year. We also host a meditation space and international prayer space in B109.

Immunizations: New York State Public Health Law 2165 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, and at least one credit of on-campus instruction, 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 (about 4 weeks) 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 their local Health Department or doctor for a second dose of measles or MMR vaccine. All immunization information should be submitted directly to health@genesee.edu. Please be sure that all documents are properly identified with your current name, date of birth and your Student ID number. Copies of immunization records from your doctor are acceptable.

Testing Center
Room D217
585-343-0055 x6354
testing@genesee.edu
The Testing Center is responsible for proctoring exams for students with accommodations, placement testing and special testing circumstances. Testing is scheduled by appointment with the testing center.

Transfer Services
Records Office (SSC G200B)
585-343-0055 x6230 or x6235
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 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
585-345-6886
CollegeVillage@genesee.edu
College Village is located just down the hill from GCC providing convenient and affordable Suite and Community 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. Community style options include a private bedroom connected to a shared kitchen, laundry, bathroom, and lounge all fully furnished.

The Housing Rate includes the cost of Wi-Fi, 24/7 Safety team, maintenance crew, basic cable, laundry facilities, parking, and basic utilities, with heat and electric service covered by a predetermined limit. College Village works with GCC to provide a wide variety of events and opportunities for students to get involved, make friends, and enjoy the full college experience.

For more information, including pricing, pictures, layouts, or to apply now please visit our website at www.gccvillage.com today!

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 volunteer efforts, financial support, and the 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

Summer 2023

Date	Description
5/30	First Day of Classes (Full Semester and First 5 Week Session)
6/30	Last Day of Classes (for First 5 Week Session)
7/4	Independence Day Holiday
7/10	First Day of Classes (for Last 5 Week Session)
8/11	Last Day of Classes (Full Semester and Last 5 Week Session)

Fall 2023/24

Date	Description
8/16	New Employee Orientation
8/16-25	Professional Activity Days for Faculty and Staff
8/25	Student Orientation
9/4	Labor Day Holiday
8/28	First Day of Classes (Full Semester)
9/5	First 7-Week Session)
9/18	First 12-Week Session
10/9	Fall Holiday
10/20	Last Day of Classes (First 7-Week Session)
10/23	First Day of Classes (Last 7-Week Session)
11/23 - 11/24	Thanksgiving Holiday
12/8	Last Day of Classes (Full Semester, 12-Week, and Last 7-Week Session)

Date	Description
12/11 - 12/13	IP and Final Exams
12/18	First Day of Winterim
12/23 - 12/26	Christmas Holiday
1/1 – 1/2	New Year's Eve/New Year's Day Holiday
1/12	Last Day of Winterim

Spring 2024

Date	Description
1/9	New Employee Orientation
1/9- 1/19	Professional Activity Days for Faculty and Staff
1/15	Martin Luther King Holiday
1/22	First Day of Classes (Full Semester)
1/29	First 7-Week Session
2/12	First 12-Week Session
2/19	Presidents' Day Holiday
3/15	Last Day of Classes (First 7-Week Session)
3/18 - 3/22	Spring Break - No Classes
3/25	First Day of Classes (Last 7-Week Session)
3/29	No Classes Scheduled (Flex Day) Good Friday
5/10	Last Day of Classes (Full Semester, 12-Week and Last 7-Week Session)
5/13 - 5/15	IP and Final Exams
5/18	Commencement

Summer 2024

Date	Description
5/27	Memorial Day Holiday
5/28	First Day of Classes (Full Semester and First 5-Week Session)
6/28	Last Day of Classes (First 5-Week Session)
7/4	Independence Day Holiday
7/8	First Day of Classes (Last 5-Week Session)

Date	Description
8/9	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. Minimum score required is 460 pBT, 140 cBT, or 48 iBT. Or a score report from Pearson PTEA – Language Proficiency Testing for International Students. The minimum score required is 42. Or a score report from Duolingo English Test. Minimum score of 85. Or a score report from the International English Language Test (IELTS). Minimum score 5.5.
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 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. Selective admissions programs may require a grade of "C" or better for transfer.

Prior Learning Credit may be awarded to individuals who have taken and passed standardized tests or pre-approved training. Matriculated students may also prepare a portfolio of materials that provides evidence of meeting the course learning outcomes for a course required for their program of study. Portfolios are reviewed for approval by the faculty.

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:

- Nursing
- Nursing - LPN to RN Advance Placement Program
- Physical Therapist Assistant
- Respiratory Care
- Veterinary Technology

The special requirements for these programs are detailed below:

**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
The program is selective and competitive. Meeting all of the minimum requirements and completion of the application process 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 register go to: https://www.genesee.edu/academics/programs/Health/Nursing/ or call Admissions at 585-345-6800

B. 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 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.

D. Submit official high school transcripts or GED information.

E. Submit official transcripts from all colleges previously attended.

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. Submit a Nursing Program Admissions Form by the applicable deadline, available at: https://www.genesee.edu/academics/programs/Health/Nursing/. Only applicants who have submitted a Nursing Program Admissions Form will be considered.

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 decisions will be made by March 15th for Fall admission and by October 1st for Spring admission.

Accepted applicants are required to accept or decline the offer of admission by returning an 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 the 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.

- The overall GPA must be at least 2.0 and will be calculated by including all colleges previously attended.
- A Core GPA, calculated from completed 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 (The New York State Regents Biology Exams with a grade of 75 or higher will be considered for current high school students only.)
- 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-Regent's 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 completed with a grade of 'C" or higher: ENG 101, ENG 102, PSY 101. BIO 152, 153 and 201.
- 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.
- Students must meet the GCC Proficiency requirements for reading and math, and the student must place into ENG 101 in order to be considered for the program.

- The GCC Nursing Program does not accept applicants who have received a grade of less than a "C" in any two required biology courses (A&P1, A&P 2 and/or Microbiology) in the past 5 years or who have ever 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 a grade of less than 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 and completion of the application process 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 https://www.genesee.edu/academics/programs/Health/Nursing/ , or contact Admissions at 585-345-6800. Only

applicants who have attended a Nursing Information Session will be considered for admission.

- 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.
- Submit official high school transcript or GED information
- Submit official transcripts from **ALL** colleges previously attended.
- Submit LPN school transcripts.
- Submit a copy of current LPN Nursing license or documentation of scheduled licensure exam.
- Complete placement testing in math to meet proficiency if not met through prior coursework. Please refer to www.genesee.edu for testing and scheduling information.
- Submit a Nursing Program Change Request Form by the applicable deadline, available at: https://www.genesee.edu/academics/programs/Health/Nursing/. Only applicants who have submitted a Nursing Program Admissions Form will be considered.

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 February 1st for Fall admission and July 15th for spring admission.

Accepted applicants are required to accept or decline the offer of conditional admission by

returning an 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 the 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 the 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 15 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.
      - Applicants must meet the GCC proficiency requirement in math
      - 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-Regent's chemistry or students with transfer credit for chemistry will be reviewed on an individual basis.

- The following required support courses must be completed with a "C" or better: ENG 101, ENG 102, PSY 104, BIO 152 and BIO 153.
- Support GPA, calculated from support courses required for the Nursing Program, of 2.75 or higher.
- Overall college GPA must be at least 2.0 (based on all colleges previously attended, including GCC).
- Anatomy & Physiology and Microbiology courses must be completed within 5 years of entrance into the Nursing program. There is no time limit for chemistry.
- The GCC Nursing Program does not consider applicants who have received a grade of less than a "C" in any two required biology (A&P1, A&P2 and/or Microbiology) courses in the past 5 years.
- The GCC Nursing Program does not consider applicants 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 a grade of less than 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.

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 acceptance 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 Regent's exam. Another option is PHY 100 (How Things Work) at GCC, an equivalent course from another college or grade earned on high school physics Regent's 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:
   a. Biology - BIO 152 and 153 (Anatomy and Physiology 1 and 2) at GCC, or equivalent courses from another college.
   b. Math - Advanced Placement Math in high school, MAT 121 (Technical Math 1) at GCC, or an equivalent course from another college.
   c. Chemistry - Advanced Placement Chemistry in high school, CHE 101 (General Chemistry 1) at GCC, or an equivalent course from another college.
   d. 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.
MAT 092	B = 3	x1.0 =	3.
Non-regents Chemistry/Physics	A = 4	x0.75 =	+3
Total Score			9.

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-Regent's 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 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 supported by 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 for reviewing materials from previous courses to ensure an entry level like 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.

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-Regent's 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.

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 15 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) and has completed the necessary prerequisites.

A weighting system will be applied to rank those applicants who meet eligibility requirements and from that ranking, an acceptance list and a waiting list will be created. The student will receive written notification of their status from the Admissions office.

Late applicants will be given consideration at the discretion of the Program Director depending on the

number of eligible applicants and confirmed enrollment. If an applicant on the wait list is not accepted into the Veterinary Technology program that year, he or she must reapply by the January 15th deadline for Fall admission of the following year for reconsideration. Waitlists do not carry over year to year. Even though a student was on the waitlist one year, admission to the program in a future year is not guaranteed.

A. Program Admission-New Applicants or Transfer Applicants

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

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. Possess a high school diploma or equivalent and submit high school transcripts or GED information.
3. Submit all college transcripts.
4. Attend a Vet Tech Information Session. The time and location of the sessions may be obtained by calling the Vet Tech Program office or visiting the Program website. If it is more convenient, an interested person may join the Information Session remotely. See the above website for information on how to do this.
5. Complete CHE 100 (Introduction to Chemistry) or a college level chemistry course with a lab with a grade of "C" or higher
6. Complete Regents Biology with an exam grade of 75 or higher OR AP Biology with a score of 3 or higher OR a college level biology class with a lab with a grade of "C" or higher. Students who do not have high school Regent's biology grades will be evaluated on an individual basis.
7. The GCC proficiency for Reading and Math must have been met and the student must place in ENG 101 or higher. Placement in these courses is determined by a variety of measures including: Accuplacer, ACT/ SAT V scores, high school dual credit, Regents ELA scores, or previous college credit. For more information, please contact the Student Success Center at ssc@genesee.edu.

B. Program Admission-Continuing Applicants (currently enrolled students)

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

1. Possess a high school diploma or equivalent and submit high school transcripts or GED information.
2. Complete the Vet Tech Change Request Form found at https://www.genesee.edu/home/academics/programs/health/vettech/program-changerequest/
3. Attend a Vet Tech Information Session. The time and location of the sessions may be obtained by calling the Vet Tech Program office at 585-343-0055 extension 6185 or by visiting: http://www.genesee.edu/academics/programs/Health/vettech/ . If it is more convenient, an interested person may join the Information Session remotely. See the above website for information on how to do this.
4. Complete CHE 100 (Introduction to Chemistry) or a college level chemistry course with a lab with a grade of "C" or higher. Procedure 300.7: Veterinary Technology Program – Admissions Procedures (Fall Acceptance) Page 3 of 4
5. Complete Regents Biology with an exam grade of 75 or higher OR AP Biology with a score of 3 or higher OR a college level biology class with a lab with a grade of "C" or higher. Students who do not have high school Regent's biology grades will be evaluated on an individual basis.
6. The GCC proficiency for Reading and Math must have been met and the student must place in

ENG 101 or higher. Placement in these courses is determined by a variety of measures including: Accuplacer, ACT/ SAT V scores, high school dual credit, Regents ELA scores, or previous college credit. For more information, please contact the Student Success Center at ssc@genesee.edu

C. Following Acceptance into the Vet Tech Program

Students who have confirmed their seats in the program must complete ten hours of work in a veterinary clinic, animal shelter, at a farm or other animal-related environment. A completed volunteer/work experience recommendation form must be submitted on or before the first day of classes for those students who have been admitted to the program. This form may be found on the Vet Tech webpage.

Accepted students must attend an orientation session with the Director of the Vet Tech program. Accepted students will be notified of dates and times of those sessions. Failure to attend an orientation session will result in forfeiture of the seat in the program.

Once admitted to the college, all students should familiarize themselves with Genesee Community College's Student Code of Conduct located at: http://www.genesee.edu/assets/file/policies/GCC_Student_Code_of_Conduct.pdf. 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.

D. Requirements for Continuing Enrollment in the Veterinary Technology Program

Students must earn a grade of "C" or higher in all courses required for the Vet Tech program including all VET courses, BIO103, BIO123, BIOLB3 (formerly VET112 and VETLB1), BIO124, BIOLB4 (formerly VET113 and VETLB2), and all general education courses. Students must maintain at least a 2.0 overall GPA to maintain enrollment in the Vet Tech program.

E. . Program Admission-Readmission to the program

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 effectively address the area of concern. The letter and interview requirements need to be met by January 1 for reacceptance into the spring semester and August 1 for reacceptance into the fall semester. Readmission to the Veterinary Procedure 300.7: Veterinary Technology Program – Admissions Procedures (Fall Acceptance) Page 4 of 4 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.

F. 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 the first veterinary technology course.

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 Records Office 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
- Binghamton University
- Buffalo State University
- College at Brockport
- College of Environmental Science & Forestry
- Empire State College
- Fashion Institute of Technology
- SUNY Canton
- SUNY Delhi
- SUNY Geneseo
- SUNY Plattsburgh
- SUNY Upstate Medical
- University at Buffalo

Private Institutions:

- Canisius College
- Chamberlain College of Nursing
- Cornell University College/College of Agriculture and Life Sciences
- Daemen University
- LIM College
- Niagara University
- Purdue University, Fort Wayne
- Roberts Wesleyan College
- Rochester Institute of Technology
- St. John Fisher University
- St. Rose College
- Wayne State College
- Western Governors University
- 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 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
Adolescence Education (Single Certification)
Biology, Chemistry, Earth Science, English, French, Mathematics, Social Studies (History), Spanish, Physics
Adolescence Inclusive Generalist Education (Dual Certification)
Biology, Chemistry, Earth Science, English, French, Mathematics, Social Studies (History), Spanish, Physics
Accounting
African American Studies
Anthropology
Alcohol and Substance Abuse
Arts for Children
Art Studio
Biochemistry
Biology
Business Administration
Chemistry
Childhood Inclusive Education – Multidisciplinary Education Track
Childhood Inclusive Education – Bilingual/Multicultural Track
Communication Studies
Computer Information Systems
Computer Science
Communication Studies
Criminal Justice
Earth Science
Environmental Science
English
History
International Business
International Studies
Journalism & Broadcasting
Kinesiology
Liberal Studies
Marketing
Mathematics

Medical Technology
Meteorology
Philosophy
Physical Education
Physical Education (K-12)
Political Science
Psychology
Public Health
Recreation & Leisure
Recreation, Therapeutic Recreation & Tourism
Social Work
Sociology
Spanish
Sports Management
Theatre
Women & Gender Studies

TERMS AND CONDITIONS: The minimum G.C.C. GPA after two years for students who wish to matriculate in the baccalaureate degree programs at Brockport in Teacher Certification is 3.0, Business Administration and Accounting (2.5 in specified prerequisite courses), Criminal Justice is 2.5, International Business (3.0 in specified prerequisite courses) and Social Work is a 3.0. The minimum GPA requirement for all other degree programs included in this agreement is 2.50. Participating students must maintain the minimum GPA at G.C.C. or the agreement will be null in void.

SUNY Buffalo State University
Art
Art History
Biology
Ceramics
Chemistry
Childhood Education
Computer Information Systems
Criminal Justice
Early Childhood Education: Birth - Grade 2
Economics
Family & Consumer Science Education*
Fibers
Geology
History

Journalism
Mathematics
Media Production
Metals/Jewelry
Political Science
Public Communication
Social Work
Theatre
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.

Canisius College
Accounting
Animal Behavior, Ecology & Conservation
Biochemistry
Biology
Chemistry
Creative Writing
Criminal Justice
Digital Media Art
Economics
English
Entrepreneurship
Environmental Science
Environmental Studies
Finance
History
Human Services
Management
Marketing
Psychology
Sociology
Spanish
Sports Management

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 Transfer Pathways agreement will be null in void if the participant does not maintain the minimum GPA at G.C.C.

Daemen University
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 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 degree from GCC be expected to meet a higher GPA than any other Daemen transfer student.

SUNY Geneseo
Accounting
Adolescent Education Certification (7-12) – paired w/academic major.
American Studies
Anthropology
Art History
Biochemistry
Biology
Business Administration
Chemistry
Childhood Education (1-6)/Special Education (1-6) – paired w/concentration
Communication
Comparative Literature
Early Childhood (B-2)/ Childhood Education (1-6) – paired w/concentration
Economics*
English (Literature, Comparative Literature, Creative Writing)
Finance
Geography
Geological Sciences

Geophysics
History
International Relations
Mathematics
Music
Neuroscience
Philosophy
Political Science
Psychology
Sociology
Sociomedical Sciences
Spanish
Sustainability Sciences
Theatre

TERMS AND CONDITIONS: The minimum G.C.C. GPA after two years for students who wish to matriculate at SUNY Geneseo in the baccalaureate degree programs included in this agreement is 2.5 (Accounting, Business Administration, Economics, Finance is 2.0 with an Associates). Applicants in the School of Education will be required to have a 2.75 GPA. Students with an AA or AS degree will have their SUNY General Educations completed.

Niagara University
Accounting
Art History/Museum Studies
Biochemistry
Biology
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
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 Transfer Pathway agreement will be null in void if the participant does not maintain the minimum GPA at G.C.C

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 University
Accounting
American Studies
Biology
Business: Marketing, Corporate Finance, Management, Human Resource Management
Chemistry
Computer Science
Criminology
Digital Cultures & Technology
Economics
Education: Inclusive Childhood, Inclusive Adolescent

English
History
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
Philosophy
Political Science
Psychology
Sociology
Sport Management
Statistics

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. A limited number of spaces are available to students wishing to enter the Pharmacy program, in which a 3.2 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 G.C.C.

TUITION & FEES

Genesee Community College is one of the most affordable colleges in the northeast, with undergraduate tuition that is competitive with community colleges across the country.

Estimated Yearly Cost of Attendance (2023 - 2024)

Expense	Living at home	Not living at home
Full Time Tuition*	$5,150	$5,150
Mandatory Fees	$650	$650
Loan Fees (Avg.)	$57	$57
Books & Supplies	$1,525	$1,525
Personal	$1,405	$1,405
Room	$0	$6,800
Board	$1,975	$2,600
Transportation	$1,985	$800
Total	**$12,747**	**$18,987**

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

Tuition and Fees 2023-2024

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	$2,575	$2,875	$5,150
College Fee	$200	$200	$200
Technology Fee	$100	$100	$100
Academic Support Fee	$25	$25	$25

Expense	NYS Resident	Non-NYS Resident	NYS Resident w/o Certificate*
TOTAL per semester	$2,900	$3,200	$5,475

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

Expense	NYS Resident	Non-NYS Resident	NYS Resident w/o Certificate*
Tuition	$215 / credit hour	$240 / credit hour	$430 / credit hour
College Fee	$17 / credit hour	$17 / credit hour	$17 / credit hour
Technology Fee	$8 / credit hour	$8 / credit hour	$8 / 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	$215 / credit hour	$240 / credit hour	$430 / credit hour
College Fee**	$17 / credit hour	$17 / credit hour	$17 / credit hour
Academic Support Fee	$2 / credit hour	$2 / credit hour	$2 / credit hour

*Double tuition is charged to NYS residents that fail to provide a valid Certificate of Residence each academic year.
**College Fee is not assessed during Winterim.

Additional Fee Information

Expense	Cost
Online Learning Fee	$10 per online credit hour

Expense	Cost
Allied Health Student Intern Malpractice Insurance	$18 / semester
Transcripts	$10 / transcript
Applied Music Fee	$400 / course
Nursing Clinical Fee	$25 / semester

International Student Fees

International Student Fees are mandatory.

Expense	Cost
Medical Evacuation/ Repatriation Insurance	$50 / Fall or Spring semester; $25 / Summer semester

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 Records Office or at any campus center location. They can also withdraw online through their MyGCC account. Please be aware that federal regulations require the College to confirm that the student commences attendance in a course before disbursement of federal financial aid. Students who are reported by the faculty as having never attended a course will be administratively withdrawn from that course. No aid will be disbursed for that course; the student will be held financially responsible for the tuition and fees associated with the course. 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%
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 Seven 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 March 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 $767 to $7,395 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 into the semester).

- Eligibility: must be a New York State resident or eligible non-citizen, enrolled full-time or part time (at least 6 credits), U.S. citizen or eligible noncitizen, good academic standing, fall within income limits.
- Amount: ranges between $100 and 100% of Genesee tuition, depending on family income.
- Repayment: None

New York State Excelsior Scholarship

The NYS Excelsior Scholarship is the first program of its kind to waive tuition for a public college education. This includes GCC plus all other SUNY and CUNY two-year and four-year colleges and universities. The Excelsior Scholarship is for tuition only, minus any financial aid awards you receive from TAP and/or Pell.

- Eligibility: must be a New York State resident or eligible non-citizen, enrolled full-time, U.S. citizen or eligible noncitizen, and fall within income limits (combined family adjusted gross income must be $125,000 or less).
- Be pursuing an undergraduate associates (certificate programs are not eligible).
-
- Be enrolled in at least 12 credits per term and complete at least 30 credits each year (successively), applicable toward his or her

degree program through continuous study with no break in enrollment except for certain reasons that can be documented.

- If attended college prior to the 2022-23 academic year, have earned at least 30 credits each year (successively), applicable toward his or her degree program prior to applying for an Excelsior Scholarship.
- Be in a non-default status on a student loan made under any NYS or federal education loan program or on the repayment of any NYS award.
- Be in compliance with the terms of the service condition(s) imposed by any NYS award that you have previously received.
- Execute a Contract agreeing to reside in NYS for the length of time the award was received, and, if employed during such time, be employed in NYS.

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 students 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)
eop@genesee.edu
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 73-83 percent or G.E.D.

Due to funding constraints and demand, GCC is limited to capping EOP enrollment on a first come, first served 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.

Veteran Students/VA Educational Benefits
Identified Veteran students should be aware that the Veterans' Administration provides assistance for eligible veterans seeking further education. Additional information on Veterans' Benefits may be obtained by contacting either the Adult Educational Opportunity Center's Veteran Outreach Specialist or the Financial Aid Office at the College.

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Veteran Readiness and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA.
Genesee Community College will not:

- Prevent nor delay the student's enrollment;
- Assess a late penalty fee to the student due to the delayed disbursement funding from VA under chapter 31 or 33;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources available to other students who have satisfied their tuition and fee bills to the institution, including but not limited to

access to classes, libraries, or other institutional facilities. However, to qualify for this provision, such students may be required to:

- o Produce the Certificate of Eligibility by the first day of class;
- o Provide written request to be certified;
- o Provide additional information needed to properly certify the enrollment as described in other institutional policies.

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.nslds.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 MyGCC 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 MyGCC 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 allows 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 MyGCC 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 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

Credits Attempted	Credits Earned	GPA	Credits Attempted	Credits Earned	GPA
4	3	1.5	27	18	1.75
5	3	1.5	28	19	1.75
6	4	1.5	29	19	1.75
7	5	1.5	30	20	1.75
8	5	1.5	31	21	1.75
9	6	1.5	32	21	1.75
10	7	1.5	33	22	1.75
11	7	1.5	34	23	1.75
12	8	1.5	35	23	1.75
13	9	1.5	36	24	1.75
14	9	1.5	37	25	1.75
15	10	1.5	38	25	1.75
16	11	1.5	39	26	1.75
17	11	1.5	40	27	1.75
18	12	1.5	41	27	1.75
19	13	1.5	42	28	2.0
20	13	1.5	43	29	2.0
21	14	1.5	44	29	2.0
22	15	1.5	45	30	2.0
23	15	1.5	46	31	2.0
24	16	1.75	47	31	2.0
25	17	1.75	48	32	2.0
26	17	1.75	49	33	2.0

Credits Attempted	Credits Earned	GPA	Credits Attempted	Credits Earned	GPA
50	34	2.0	73	49	2.0
51	34	2.0	74	50	2.0
52	35	2.0	75	50	2.0
53	36	2.0	76	51	2.0
54	36	2.0	77	52	2.0
55	37	2.0	78	52	2.0
56	38	2.0	79	53	2.0
57	38	2.0	80	54	2.0
58	39	2.0	81	54	2.0
59	40	2.0	82	55	2.0
60	40	2.0	83	56	2.0
61	41	2.0	84	56	2.0
62	42	2.0	85	57	2.0
63	42	2.0	86	58	2.0
64	43	2.0	87	58	2.0
65	44	2.0	88	59	2.0
66	44	2.0	89	60	2.0
67	45	2.0	90	60	2.0
68	46	2.0			
69	46	2.0			
70	47	2.0			
71	48	2.0			
72	48	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
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, Veterans Tuition Award (VTA) 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.

Transitional Coursework and Satisfactory Academic Progress (SAP)

In some cases, a student may be registered for a combination of Transitional 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

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 Recreation Management	5506		5389	27261	428
AAS	Food Processing Technology	5402	010401	11789	36621	580
AAS	Human Services	5501	440000	535	00878	605
AAS	Individualized Studies	5699	240102	5648	28336	455
AAS	Medical Administrative Assistant	5005	510716	5873	29146	720

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
AAS	Nursing	5208	513801	534	00877	621
AAS	Paralegal Studies	5099	220302	8071	91448	743
AAS	Physical Education Studies	5299	131314	3372	19212	427
AAS	Physical Therapist Assistant	5219	510806	7932	90197	623
AAS	Respiratory Care	5215	510812	3496	19524	645
AAS	Teaching Assistant	5503	131501	5889	29251	470
AAS	Tourism, Hospitality and Event Management	5011	520903	5836	28975	7380
AAS	Veterinary Technology	5402	018301	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	Biology	5604	260101	13537	37469	2270
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	430405	5402	27303	242
AS	Fine Arts	5610	500701	5597	28127	205
AS	Health Studies	5299	510000	17409	40756	690
AS	Human Services	5501	440000	3362	19145	650
AS	Liberal Arts & Science - General Studies	5649	240102	523	00862	250
AS	Liberal Arts & Science - Natural Sciences	5649	240101	23004	42156	226
AS	Liberal Arts & Science - Sport Management Studies	5506	240199	4804	24777	270

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
AS	Liberal Arts & Science - Teacher Education Transfer	5608	240199	7487	86492	425
AS	Natural Sciences	5604	300101	13537	37469	2260
AS	Theatre Arts	5610	500501	7968	91067	2060

Certificates

Degree Type	Title	HEGIS	CIPC Code	SUNY ID Code	SEDID (IRP)	GCCID
CERT	Applied Accounting	5002	520302	526	00866	9290
CERT	Child Care	5503	190708	8073	91477	906
CERT	Computer Repair	5105	151202	4706	24428	990
CERT	Computerized Drafting & Design	5303	151302	5927	76100	953
CERT	Criminal Justice	5505	430103	536	00881	920
CERT	Developmental Disability Studies	5501	050210	5652	28362	908
CERT	Entrepreneurship	5004	520701	5099	25945	994
CERT	Fashion Design	5004	500407	16899	39532	951
CERT	General Education	5649	240102	4672	24320	985
CERT	Gerontology	5506	190702	7767	89072	905
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	Solar Electric Technician	5317	151703	18110	41603	8100
CERT	Teaching Assistant	5503	131501	4636	24199	925
CERT	Web Design	5104	111004	4807	24784	993

Microcredentials

ACCOUNTING FUNDAMENTALS (can apply earned credits toward Accounting Cert., A.A.S. and A.S. degrees)
ACC101 Introduction to Financial Accounting
ACC102 Introduction to Managerial Accounting
ACC201 Computer Applications in Accounting
ACC217 Introduction to Income Taxes

ENTREPRENEURSHIP (can apply earned credits toward Entrepreneurship, A.A.S. degree)
BUS225 Entrepreneurship
ACC106 Basic Accounting Practices
CPS101 Introduction to Creative Problem Solving

EVENT PLANNING (can apply earned credits toward Tourism, Hospitality, and Event Management, A.A.S. degree)
THM118 Principles of Event Planning
THM201 Meeting & Convention Planning
BUS108 Customer Service Management

HUMAN RESOURCE MANAGEMENT (can apply earned credits toward Business Administration, A.A.S. degree)
BUS207 Human Resource Management
BUS214 Organizational Behavior
CPS101 Creative Problem Solving

Mechatronics Micro-credential (Students must complete Phases 1-5 to receive the credential)
BMEC1001 Mechatronics Phase 1
BMEC1002 Mechatronics Phase 2
BMEC1003 Mechatronics Phase 3
BMEC1004 Mechatronics Phase 4
BMEC1005 Mechatronics Phase 5

MEDICAL OFFICE (can apply earned credits toward Medical Administrative Assistant, A.A.S. degree)
OFT116 Medical Terminology
OFT135 Medical Forms and Billing
OFT244 Medical Office Procedures

NYS COACHING (can apply earned credits toward Physical Education Studies, A.A.S. degree)
HED205 Responding to Emergencies
HED209 Health Science for Coaching
PED271 Principles of Coaching
PED272 Theory and Techniques of Coaching

PROFESSIONAL SALES (can apply credits toward Business Administration, A.A.S. degree)
BUS201 Professional Sales
BUS108 Customer Service Management
BUS106 Business Communications

SUPPLY CHAIN MANAGEMENT (can apply credits toward Business Administration-Supply Chain and Individualized Studies, A.A.S. degrees)
BLM212 Transportation and Distribution Management
BLM223 Operations and Production Management
BLM234 Introduction to Purchasing and Supply Chain Management
BLM245 Introduction to Inventory and Warehouse Management

Degree Opportunities

Genesee Community College offers students four degree options, each providing different opportunities for those seeking further education or training. These degrees include: the Associate in Science (A.S.); the Associate in Arts (A.A.); the Associate in Applied Science (A.A.S.) and the Certificate.

A.S.

Students with long-term educational goals who are considering continuing their studies at a four-year institution are best served by completing an associate in science (A.S.) degree program. Working with a transfer counselor, you will develop an appropriate academic plan that will include completing the necessary general education coursework required by many four-year institutions. With careful program selection, you will also have the opportunity to complete courses in your desired field of study. Completing the A.S. degree at Genesee Community College gives you the option of embarking upon an educational career path at a fraction of the costs charged by four-year colleges and universities.

A.A.

GCC offers associate in arts (A.A.) degrees, focused on students interested in pursuing educational goals in the liberal arts. The A.A. is similar to the A.S. degree in that it prepares the student for continued study at a four-year institution. If you are particularly interested in pursuing educational goals in a discipline within the arts and humanities (such as history, English, art or theater, among others), then you may find the A.A. a more suitable fit than the A.S.

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.

Micro-Credential

Micro-credentials verify, validate, and attest that specific skills and/or competencies have been achieved. They differ from traditional degrees and certificates in that they are generally offered in shorter or more flexible timespans and tend to be more narrowly focused. Micro-credentials can be offered online, in the classroom, or via a hybrid of both.

Proficiency Requirements

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. Incoming students may demonstrate this proficiency in a variety of ways, based on their submission of a high school transcript, with any additional test scores (such as the ACT, SAT or NY State Regents exams). Students who do not meet the required proficiencies in reading, math and writing skills upon entry to the College must register for the required Transitional Studies course(s). Students who do not meet the

required proficiencies in two or more areas (reading, math and writing skills) upon entry to the College should also complete FYE100-Foundations of Academic Success during the first semester enrolled. Some students may require additional time to complete degree requirements depending on placement, academic program choice and individual needs. Persons holding a postsecondary degree from a regionally accredited institution are presumed to have met the reading and writing skills proficiencies. The mathematics proficiency requirement may be satisfied through the completion of equivalent courses from other accredited colleges or through meeting proficiency standards.

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 MyGCC 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
All associate degree programs offered at Genesee Community College include a core of general education courses required for successful completion of the degree. Students who follow the established curriculum worksheet for a given program offered at GCC will fulfill the College's general education requirements.

As of fall 2023, the following summarizes the general education requirements, by degree type:

A.A.S. Degree
1. Natural Sciences: 3 credit hours

2. Basic Communication, 2 courses, 6 credit hours: (1) ENG 101; and (2) ENG 102, ENG 105, ENG 106, HUR 101, SPE 103, SPE 108, or SPE 109

3: One course, 3 credit hours from the following:
- HIS 101 or 102; GEO 101 (Other World Civilizations)
- HIS 104 or 105 (Western Civilization)
- HIS 203 or 204 (American History)

4. Social Sciences: 3 credit hours

5. One course, 3 credit hours from one of the following areas: Humanities, The Arts or Foreign Language

6. Health and Physical Education: 2 credit hours

7. Additional Liberal Arts and Science course: 3 credit hours

8. Minimum competency level in mathematics

9. Demonstrated reading competency

A.S. and A.A. Degrees
All A.S. and A.A. degrees must include at least 30 credits of general education content, covering at least 7 of the 10 SUNY Knowledge and Skills Areas. Specific requirements include:

1. Mathematics (Quantitative Reasoning): 3 credit hours (a course above MAT 092 Algebra 1 is required)

2. Communication – Oral and Written: 3 courses, 9 credit hours: (1) ENG 101; (2) ENG 102 or ENG 105 or ENG 107; and (3) SPE 103, SPE 108, SPE 109, or HUS 102.

3. Natural Science (Scientific Reasoning): 3 credit hours

4. Diversity: Equity, Inclusion, Social Justice: 3 credit hours

5.   Social Sciences: 3 credit hours

6. One course, 3 credit hours from the following:
- 3 credit hours (US History and Civic Engagement)
- 3 credit hours (World History and Global Awareness)
-
7. One course, 3 credit hours from one of the following SUNY areas: Humanities, Arts or World Languages

8. Health and Physical Education: 2 credit hours

9. Additional Liberal Arts and Science course: 3 credit hours for AS programs and 18 credit hours for AA programs

10. Demonstrated reading competency.

General Education Courses Reported to SUNY

The State University of New York has mandated the implementation of minimum General Education requirements for all students who aspire to earn a degree. 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 depending 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, 136, 137, 140, 141, 142, 247
- PSY 250

*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, 108, 125/125L, 126/126L, 150, 152, 153, 201, 206
- CHE 100, 103/103L/104/104L
- MET 101
- PHY 100, 121, 122, 131,
- Social Sciences
- ANT 102
- CRJ 101
- ECO 101, 105
- GEO 105
- HUS 101
- POS 101, 103, 105, 107, 210
- PSY 104, 202, 210, 211, 250
- SOC 101, 102, 103, 115, 210
- **US History and Civic Engagement HIS 203, 204, 207, 211, 215, 217**
- MUS 203
- POS 107

- **World History & Global Awareness GEO 101, 105**
- HIS 101, 102
- POS 203

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

The Arts
- ART 103, 104, 105, 110, 114, 123, 127

- DAN 127
- LIT 214
- MUS 101, 102, 107, 108, 203
- THE 101, 103, 105, 212
- PHO 103, 118

World Languages

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

Basic Communication

One of the following:

- ENG 101, 102, 105

And one of the following:

- SPE 102, 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.

GCC 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.

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

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
- A combined SAT score of 1000 with no sub score 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

Contact, Mr. Tim Tomczak, Dean. 585-343-0055 ext. 6296 or email tptomczak@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 A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**32**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108 Public Speaking	3	3
1.04 - MATHEMATICS	MAT 129 Statistics	3	4
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.06 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 102, MUS 204, or POS 108	3	1
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	4
1.09 - LAS ELECTIVE	Select one SUNY approved Liberal Arts and Sciences course	3	3
1.10 - DIVERSITY (DEISJ)	Met by History, Engagement, and Awareness requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	3
1.12 - HEALTH/PE/ATH	Select 1 credits from any HED, PED or ATH option	1	3
1.13 - HEALTH/PE/ATH	Select 1 credits from any HED, PED or ATH option	1	4
2 - PROGRAM REQUIREMENT	**MET BY**	**31**	**As Listed**
2.01 - Program Requirement	MAT 137 Calculus for Business	4	1

2.02 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
2.03 - Program Requirement	ECO 105 Macroeconomics	3	2
2.04 - Program Requirement	ACC 102 Introduction of Managerial Accounting	3	2
2.05 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.06 - Program Requirement	BUS 214 Organizational Behavior	3	2
2.07 - Program Requirement	ACC 211 Intermediate Accounting 1 (Fall Only)	3	3
2.08 - Program Requirement	BUS 205 Business Law 1	3	3
2.09 - Program Requirement	BUS106 Business Communications	3	4
2.1 - Accounting Elective	select one from ACC201, 212 or 215 (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105 Technological Competency: CIS 116 Values & Ethics: BUS 214	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - 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.	0	As Appropriate
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

730: Accounting A A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	SPE 108 Public Speaking	3	4
1.03 - MATHEMATICS	MAT 129 Statistics	3	2
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	1
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course (per Note 1)	3	2
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	3
1.10 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
2.02 - Program Requirement	BUS 101 Principles of Business or BUS 214 Organizational Behavior	3	1
2.03 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
2.04 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.05 - Program Requirement	ENG 102 or 105	3	2
2.06 - Program Requirement	ACC 211 Intermediate Accounting 1	3	3
2.07 - Program Requirement	ACC 217 Tax Procedures	3	3
2.08 - Program Requirement	BUS 205 Business Law 1	3	3
2.09 - General Elective	General Elective 1	3	3
2.10 - Program Requirement	ACC 201 Computer Applications in Accounting (Spring Only)	3	4
2.11 - Program Requirement	ACC 212 Intermediate Accounting 2 (Spring Only)	3	4
2.12 - Program Requirement	ACC 215 Cost Accounting (Spring Only)	3	4
2.13 - Program Requirement	BUS 106 Business Communications	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2

3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	Students planning to transfer to a bachelors program should consult with an academic advisor or Transfer Services before beginning the second year of Accounting	0	As Selected
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

9290: Applied Accounting Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**27**	**As Listed**
1.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
1.02 - Program Requirement	ACC 217 Introduction to Income Tax (Fall Only)	3	1
1.03 - Program Requirement	CIS 116 Microcomputer Applications	3	1
1.04 - Program Requirement	BUS101 Principles of Business or BUS 214 Organizational Behavior	3	1
1.05 - Program Requirement	BUS 205 Business Law 1	3	1
1.06 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
1.07 - Program Requirement	ACC 201 Computer Applications in Accounting (Spring Only)	3	2
1.08 - Program Requirement	BUS 106 Business Communications	3	2
1.09 - Program Requirement	BUS 110 Personal Money Management	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**27**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	12	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

771: Business Administration A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**32**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG107 Technical Writing	3	2
1.03 - COMMUNICATION ORAL	SPE 108 Public Speaking	3	2
1.04 - MATHEMATICS	MAT 129 Statistics	3	4
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 102, MUS 204, OR POS 108	3	1
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 - LAS ELECTIVE	Select one SUNY approved Liberal Arts & Science elective	3	4
1.10 - DIVERSITY (DEISJ)	Met by History, Engagement, Awareness requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course (per Note 1)	3	3
1.12 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	3

1.13 - HEALTH/PE/ATH	Select 1 credit from any HED, PED, or ATH option	1	4
2 - PROGRAM REQUIREMENT	**MET BY**	**31**	**As Listed**
2.01 - Program Requirement	BUS 101 Principles of Business	3	1
2.02 - Program Requirement	MAT 137 Calculus for Business (Per Note 2)	4	1
2.03 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	2
2.04 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.05 - Program Requirement	ECO 105 Macroeconomics	3	2
2.06 - Program Requirement	ACC 102 Introduction of Managerial Accounting	3	3
2.07 - Program Requirement	BUS 213 Principles of Marketing	3	3
2.08 - Program Requirement	BUS 205 Business Law 1	3	3
2.09 - Program Requirement	BUS 214 Organizational Behavior	3	4
2.1 - General Elective	General Elective	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 107 Technological Competency: CIS 116 Values & Ethics: BUS 101, BUS 214	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	For students having obtained an 85 or higher on the Regents B exam or on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select an additional 3-credit Select one SUNY Approved General Education Course	0	As Applicable

4.05 - Note 2	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 they may need to complete additional course work in order to meet the pre-requisite for this course.	0	As Appropriate
4.06 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

732B: Business Administration A A S Degree Requirements Table
BUSINESS ADMINISTRATION CONCENTARTION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course (except MAT 116 or 117)	3	4
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved American History, Western Civilization, or Social Science course	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	3
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
2.02 - Program Requirement	BUS 101 Principles of Business	3	1
2.03 - Concentration Requirement	Concentration Requirement/Elective (per Item 4.03)	3	1
2.04 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
2.05 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.06 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.07 - Concentration Requirement	Concentration Requirement/Elective (per Item 4.03)	3	2
2.08 - Program Requirement	BUS 205 Business Law 1	3	3
2.09 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	3
2.1 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	3

2.11 - Program Requirement	BUS 217 Co-op Education	3	4
2.12 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	4
2.13 - Concentration Requirement	Concentration Requirement/Elective (per Item 4.03)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	17	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Concentration Requirements	BUS213 Principles of Marketing, BUS201 Professional Sales, CIS102 Introduction to Computers or CIS116 Microcomputer Applications, CPS101 Creative Problem Solving, BUS214 Organizational Behavior	0	As Selected
4.03 - Concentration Electives	Select from any ACC, BLM, BUS, FBM, OFT, THM, CIS (excluding 102 and 116) option.	0	As Selected
4.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

732S: Business Administration A A S Degree Requirements Table

SUPPLY CHAIN CONCENTARTION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2

1.03 - MATHEMATICS	Select one SUNY approved Mathematics course (except MAT 116 or 117)	3	4
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved American History, Western Civilization, or Social Science course (Recommended HIS 203 or 204)	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course (Recommended PHI 103 or SPA 101)	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	3
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
2.02 - Program Requirement	BUS 101 Principles of Business	3	1
2.03 - Program Requirement	Concentration Requirement (per Item 4.02)	3	1
2.04 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
2.05 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.06 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.07 - Concentration Requirement	Concentration Requirement/Elective (per Item 4.03)	3	2
2.08 - Program Requirement	BUS 205 Business Law 1	3	3
2.09 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	3
2.10 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	3
2.11 - Program Requirement	BUS 217 Co-op Education	3	4
2.12 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	4
2.13 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	17	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Concentration Requirements	BLM 101 Principles of Business Logistics, BLM 212 Transportation and Distribution Management, BLM 223 Operations and Production Management, BUS 214 Organizational Behavior, CIS 116 Microcomputer Applications, BLM 234 Introduction to Purchasing and Supply Chain Management, BLM 245 Introduction to Inventory and Warehouse Management.	0	As Selected
4.03 - Concentration Electives	Select from any ACC, BLM, BUS, FBM, OFT, THM, CIS (excluding 102 and 116) option.	0	As Selected
4.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

732M: Business Administration A A S Degree Requirements Table

MARKETING CONCENTARTION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course (except MAT 116 or 117)	3	4
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved American History, Western Civilization, or Social Science course	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	3
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**

2.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
2.02 - Program Requirement	BUS 101 Principles of Business	3	1
2.03 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	1
2.04 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
2.05 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.06 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.07 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	2
2.08 - Program Requirement	BUS 205 Business Law 1	3	3
2.09 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	3
2.1 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	3
2.11 - Program Requirement	BUS 217 Co-op Education	3	4
2.12 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	4
2.13 - Concentration Requirement	Concentration Requirement (per Item 4.02)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	17	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Concentration Requirements	BUS 213 Principles of Marketing, BUS 203 Advertising, BUS 225 Entrepreneurship, CIS 102 Introduction to Computer or CIS 116 Microcomputer Applications, CIS 113 Web Publishing, CIS 204 Web Design and Implementation, COM 120 New Communication Technologies, CPS 101 Introduction to Creative Problem Solving	0	As Selected
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**32**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108 Public Speaking	3	3
1.04 - MATHEMATICS	MAT 129 Statistics	3	3
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	1
1.06 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 102, MUS 204, or POS 108	3	4
1.08 - HUMANITIES, ARTS, LANG	PHI 103 Ethics	3	4
1.09 - LAS ELECTIVE	Select one SUNY approved Liberal Arts and Sciences course	3	4
1.10 - DIVERSITY (DEISJ)	Met by History, Engagement, and Awareness requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	2
1.12 - HEALTH/PE/ATH	Select any 1 HED/PED/ATH credit	1	1
1.13 - HEALTH/PE/ATH	Select any 1 HED/PED/ATH credit	1	2
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
2.02 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.03 - Program Requirement	ECO 105 Macroeconomics	3	2
2.04 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
2.05 - Program Requirement	CRJ 110 Criminal Law	3	2
2.06 - Program Requirement	ACC 211 Intermediate Accounting 1	3	3

2.07 - Program Requirement	ACC 217 Introduction to Income Tax	3	3
2.08 - Program Requirement	CIS 116 Microcomputer Applications	3	3
2.09 - Program Requirement	ACC 212 Intermediate Accounting 2	3	4
2.10 - Program Requirement	MAT 136 Algebra 3 and Trigonometry	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG102 or 105 Technological Competency: CIS116 Values & Ethics: PHI103	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	SPE 108 Public Speaking	3	3
1.03 - MATHEMATICS	MAT129 Statistics	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	ECO101 Microeconomics	3	1

1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	ACC 106 Basic Accounting Principles	3	2
2.02 - Program Requirement	BUS 101 Introduction to Business or BUS 214 Organizational Behavior	3	1
2.03 - Program Requirement	BUS 106 Business Communications	3	2
2.04 - Program Requirement	BUS 111 Exploring Business Opportunities	3	3
2.05 - Program Requirement	BUS 213 Principles of Marketing	3	2
2.06 - Program Requirement	BUS 201 Professional Sales	3	3
2.07 - Program Requirement	BUS 205 Business Law 1	3	2
2.08 - Program Requirement	BUS 108 Customer Service Management or BUS 211 Merchandise Planning and Control	3	2
2.09 - Program Requirement	BUS 217 Co-op Education	3	3
2.1 - Program Requirement	BUS 225 Entrepreneurship	3	4
2.11 - Program Requirement	CIS 116 Microcomputer Applications	3	1
2.12 - Program Requirement	COM 120 New Communications Technologies (Spring Only)	3	4
2.13 - Program Requirement	CPS 101 Creative Problem Solving	3	3
2.14 - Business Elective	Select from any ACC, BUS, CIS, FBM, OFT, THM, or BLM course	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	18	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion

4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

994: Entrepreneurship Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	ACC 106 Basic Accounting	3	1
1.02 - Program Requirement	BUS 101 Principles of Business or BUS 214 Organizational Behavior	3	1
1.03 - Program Requirement	BUS106 Business Communications	3	1
1.04 - Program Requirement	CIS 116 Microcomputer Applications	3	1
1.05 - Program Requirement	CPS 101 Intro to Creative Problem Solving	3	1
1.06 - Program Requirement	BUS 201 Professional Sales	3	2
1.07 - Program Requirement	BUS 205 Business Law	3	2
1.08 - Program Requirement	BUS 213 Principles of Marketing	3	2
1.09 - Program Requirement	BUS 225 Entrepreneurship	3	2
1.10 - Program Requirement	COM 120 New Communication Technologies (Spring Only)	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

751E: Fashion Design A A S Degree Requirements Table

E-COMMERCE CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 107 or SPE 108	3	2
1.03 - MATHEMATICS	MAT 108 Survey of Mathematics	3	4
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	ECO 101 or ECO 105	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	HIS 101, 102, 104, 105, 203, or 204 or GEO 101, 102	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	FBM 101 Principles of Fashion Merchandising (Fall Only)	3	1
2.02 - Program Requirement	FBM 102 Fashion Trends and Design (Fall Only)	3	1
2.03 - Program Requirement	ART 209 Computer Graphics	3	1
2.04 - Program Requirement	BUS 109 Principles of Retailing	3	1
2.05 - Program Requirement	FBM 115 Textiles and Fabrics (Spring Only)	3	2
2.06 - Program Requirement	BUS 201 Professional Sales	3	2
2.07 - Program Requirement	CIS 109 Intro to Web Development	3	2
2.08 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.09 - Program Requirement	COM 120 New Communication Technology (Spring Only)	3	2
2.10 - Program Requirement	BUS 203 Advertising	3	3
2.11 - Program Requirement	BUS 208 Display and Visual Merchandising	3	3
2.12 - Program Requirement	BUS 211 Merchandise Planning and Control or BUS225 Entrepreneurship	3	3
2.13 - Program Requirement	CIS 113 Web Publishing	3	3
2.14 - Program Requirement	FBM 220 Fashion Show Production (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1

3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

751P: Fashion Design A A S Degree Requirements Table

EVENT PLANNING CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 107 or SPE 108	3	2
1.03 - MATHEMATICS	MAT 108 Survey of Mathematics	3	4
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	ECO 101 or ECO 105	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	HIS 101, 102, 104, 105, 203, or 204 or GEO 101, 102	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	FBM 101 Principles of Fashion Merchandising (Fall Only)	3	1

2.02 - Program Requirement	FBM 102 Fashion Trends and Design (Fall Only)	3	1
2.03 - Program Requirement	BUS 108 Customer Service Management	3	1
2.04 - Program Requirement	BUS 109 Principles of Retailing	3	1
2.05 - Program Requirement	FBM 115 Textiles and Fabrics (Spring Only)	3	2
2.06 - Program Requirement	BUS 201 Professional Sales	3	2
2.07 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.08 - Program Requirement	COM 120 New Communication Technologies (Spring Only)	3	2
2.09 - Program Requirement	THM 118 Principles of Event Management	3	2
2.10 - Program Requirement	BUS 203 Advertising	3	3
2.11 - Program Requirement	BUS 208 Display and Visual Merchandising	3	3
2.12 - Program Requirement	BUS 211 Merchandise Planning and Control or BUS225 Entrepreneurship	3	3
2.13 - Program Requirement	THM 201 Meeting and Convention Planning	3	3
2.14 - Program Requirement	FBM 220 Fashion Show Production (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

751D: Fashion Design A A S Degree Requirements Table

FASHION DESIGN CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 107 or SPE 108	3	2
1.03 - MATHEMATICS	MAT 108 Survey of Mathematics	3	4
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	ECO 101 or ECO 105	3	3
1.06 - HISTORY, ENGAGEMENT, AWARENESS	HIS 101, 102, 104, 105, 203, or 204 or GEO 101, 102	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	FBM 101 Principles of Fashion Merchandising (Fall Only)	3	1
2.02 - Program Requirement	FBM 102 Fashion Trends and Design (Fall Only)	3	1
2.03 - Program Requirement	FBM 120 Apparel Construction Fundamentals (Fall Only)	3	1
2.04 - Program Requirement	BUS 201 Professional Sales	3	2
2.05 - Program Requirement	FBM 115 Textiles and Fabrics (Spring Only)	3	2
2.06 - Program Requirement	FBM 121 Advanced Apparel Construction	3	2
2.07 - Program Requirement	FBM 225 or ART 225 Fashion Illustration	3	2
2.08 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.09 - Program Requirement	BUS 203 Advertising	3	3
2.10 - Program Requirement	BUS 208 Display and Visual Merchandising	3	3
2.11 - Program Requirement	FBM 122 Apparel Design and Draping	3	3
2.12 - Program Requirement	FBM 210 Fashion Industry Technologies (Fall Only)	3	3
2.13 - Program Requirement	FBM 219 Apparel Line Construction	3	4
2.14 - Program Requirement	FBM 220 Fashion Show Production (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	13	1
3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	18	4

4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

951: Fashion Business: Fashion Design Certificate Requirements Table

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	FBM 101 Principles of Fashion Merchandising (Fall Only)	3	1
1.02 - Program Requirement	FBM 102/ART 102 Fashion Trends and Design (Fall Only)	3	1
1.03 - Program Requirement	FBM 120 Apparel Construction Fundamentals	3	1
1.04 - Program Requirement	FBM 210 Fashion Industry Technologies	3	1
1.05 - Program Requirement	BUS 208 Display and Visual Merchandising	3	1
1.06 - Program Requirement	FBM 115 Principles of Textiles (Spring Only)	3	2
1.07 - Program Requirement	FBM 121 Advanced Apparel Construction (Spring Only)	3	2
1.08 - Program Requirement	FBM 225/ART 225 Fashion Illustration	3	2
1.09 - Program Requirement	BUS 201 Professional Sales or BUS 203 Advertising	3	2
1.10 - Program Requirement	Business Elective select one: BUS 101, 217, 225, ECO 101, 105, ACC 101, 106, or FBM 220 (Spring Only)	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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	0	Prior to Completion

ITEM	REQUIREMENT	CREDITS	SEMESTER
	college degree or certificate from Genesee Community College.		
3.02 - Note 1	All courses can be applied to an AAS Degree in Fashion Business	0	Upon Completion
3.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

751M: Fashion Design A A S Degree Requirements Table

MERCHANDISING CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 107 or SPE 108	3	2
1.03 - MATHEMATICS	MAT 108 Survey of Mathematics	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	ECO 101 or ECO 105	3	3
1.06 - HISTORY, ENGAGEMENT, AWARENESS	HIS 101, 102, 104, 105, 203, or 204 or GEO 101, 102	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	FBM 101 Principles of Fashion Merchandising (Fall Only)	3	1
2.02 - Program Requirement	FBM 102 Fashion Trends and Design (Fall Only)	3	1
2.03 - Program Requirement	BUS 101 Introduction to Business	3	1
2.04 - Program Requirement	BUS 201 Professional Sales	3	2
2.05 - Program Requirement	ACC 101 Intro to Financial Accounting or ACC 106 Basic Accounting	3	2
2.06 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.07 - Program Requirement	FBM 115 Textiles and Fabrics (Spring Only)	3	2

2.08 - Program Requirement	BUS 203 Advertising	3	3
2.09 - Program Requirement	BUS 208 Display and Visual Merchandising	3	3
2.10 - Program Requirement	BUS 211 Merchandise Planning and Control	3	3
2.11 - Program Requirement	BUS 219 Business Topics Seminar	3	3
2.12 - Program Requirement	FMB 216 Styling	3	4
2.13 - Program Requirement	BUS 217 Co-op Education	3	4
2.14 - Program Requirement	FBM 220 Fashion Show Production (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	18	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

7380: Tourism, Hospitality, & Event Management A A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102, 105, 107 or SPE 108 or 109	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course (except MAT 116 or 117)	3	2

1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	BUS 101 Principles of Business	3	1
2.02 - Program Requirement	THM 101 Introduction to Tourism and Hospitality	3	1
2.03 - Program Requirement	THM 103 Hotel Operations (Fall Only)	3	1
2.04 - Program Requirement	THM 116 Global Destinations (Fall Only)	3	1
2.05 - Program Requirement	BUS 108 Customer Service Management (Spring Only)	3	2
2.06 - Program Requirement	BUS 113 Social Media & Digital Marketing	3	2
2.07 - Program Requirement	THM 114 Food and Beverage Management (Spring Only)	3	2
2.08 - Program Requirement	THM 118 Principles of Event Management (Spring Only)	3	2
2.09 - Program Requirement	BUS 214 Organizational Behavior or BUS 225 Entrepreneurship	3	3
2.10 - Program Requirement	ACC 106 Basic Accounting or ACC 101 Intro to Financial Accounting	3	3
2.11 - Program Requirement	THM 201 Meeting and Convention Planning (Fall Only)	3	3
2.12 - Program Requirement	BUS 217 Co-op Education	3	4
2.13 - Program Requirement	THM 202 Destination and Resort Marketing (Spring Only)	3	4
2.14 - Restricted Elective	Select one: BUS 106, 111, 225 or CPS101	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

975: Hospitality Management Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	THM 101 Introduction to Tourism and Hospitality	3	1
1.02 - Program Requirement	THM 103 Hotel Operations (Fall Only)	3	1
1.03 - Program Requirement	THM 201 Meeting and Convention Planning (Fall Only)	3	1
1.04 - Program Requirement	ACC 106 Basic Accounting Practices	3	1
1.05 - Program Requirement	BUS 101 Principles of Business	3	1
1.06 - Program Requirement	THM 114 Food and Beverage Management (Spring Only)	3	2
1.07 - Program Requirement	THM 202 Destination and Resort Marketing	3	2
1.08 - Program Requirement	BUS 108 Customer Service Management (Spring Only)	3	2
1.09 - Program Requirement	BUS 214 Organizational Behavior or BUS 225 Entrepreneurship	3	2
1.10 - Program Requirement	BUS 217 Cooperative Education	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

_002: Human Resources Management Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**9**	**As Listed**
1.01 - Program Requirement	BUS 207 Human Resource Management	3	1
1.02 - Program Requirement	BUS 214 Organizational Behavior	3	1
1.03 - Program Requirement	CPS 101 Creative Problem Solving	3	1
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**9**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	9	1
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	This Micro-Credential can be completed in one semester if started in the spring. If started in any other semester this may take 2 to 3 semesters.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

_003: Professional Sales Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**9**	**As Listed**
1.01 - Program Requirement	BUS 201 Professional Sales	3	1
1.02 - Program Requirement	BUS 108 Customer Service Management	3	1
1.03 - Program Requirement	BUS 106 Business Communications	3	1
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**9**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	9	1
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	Completion time is dependent upon course offerings each semester.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

_004: Event Planning Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**9**	**As Listed**
1.01 - Program Requirement	THM 118 Principles of Event Planning	3	1
1.02 - Program Requirement	THM 202 Meeting & Convention Planning	3	1
1.03 - Program Requirement	BUS 108 Customer Service Management	3	1
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**9**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	9	1
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	Completion time is dependent upon course offerings each semester.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

_006: Accounting Fundamentals Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**12**	**As Listed**
1.01 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	1
1.02 - Program Requirement	ACC 102 Introduction to Managerial Accounting	3	2
1.03 - Program Requirement	ACC 201 Computer Applications in Accounting	3	2
1.04 - Program Requirement	ACC 217 Introduction to Income Taxes	3	1
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**12**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	6	1
2.02 - Semester 2	Semester 2 Total Credits	6	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	Completion time is dependent upon course offerings each semester.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

_007: Entrepreneurship Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**9**	**As Listed**
1.01 - Program Requirement	ACC 106 Basic Accounting Practices	3	1
1.02 - Program Requirement	CPS 101 Creative Problem Solving	3	1
1.03 - Program Requirement	BUS 225 Entrepreneurship	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**9**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	6	1
2.02 - Semester 2	Semester 2 Total Credits	3	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	Completion time is dependent upon course offerings each semester.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

_008: Supply Chain Management Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**12**	**As Listed**
1.01 - Program Requirement	BLM 212 Transportation and Distribution Management	3	1
1.02 - Program Requirement	BLM 223 Operations and Production Management	3	2
1.03 - Program Requirement	BLM 234 Introduction to Purchasing and Supply Chain Management	3	1
1.04 - Program Requirement	BLM 245 Introduction to Inventory and Warehouse Management	3	1
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**12**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	6	1
2.02 - Semester 2	Semester 2 Total Credits	6	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

3.01 - Note 1	Completion time is dependent upon course offerings each semester.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

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 Information Systems A A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**24**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	SPE 102, 108 or 109, HUR 101 or HUS 102	3	2
1.03 - MATHEMATICS	MAT 140 or MAT 141	4	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	3
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CIS 125 Computer Programming and Problem Solving	3	1
2.02 - Program Requirement	CIS 113 Web Publishing	3	1
2.03 - Program Requirement	ENG 102, 105, 106, 107	3	2
2.04 - Program Requirement	CIS 112 Systems Analysis & Design (Spring Only)	3	2
2.05 - Program Requirement	MAT 247 Discrete Math (Spring Only)	3	2
2.06 - Program Requirement	ACC 101 Accounting 1	3	2
2.07 - Program Requirement	CIS 219 Computer Programming 1	4	3

2.08 - Program Requirement	CIS 208 Database (Fall Only)	3	3
2.09 - Program Requirement	MAT 129 Statistics	3	3
2.1 - Program Requirement	CIS 221 Computer Programming 2	4	4
2.11 - Program Requirement	CIS 215 Web Scripting (Spring Only)	4	4
2.12 - Restricted Elective	Restricted Elective - ACC 102, BUS 213, BUS 221, Any CIS Option (Except 102 or 109) or any CSN option.	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Certificate Requirements Table

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**27**	**As Listed**
1.01 - Program Requirement	ENG 101 College Composition	3	1
1.02 - Program Requirement	MAT 121 Technical Math 1	3	1
1.03 - Program Requirement	CSN115 Introduction to Operating Systems	3	1

1.04 - Program Requirement	CSN121 Network Fundamentals	3	1
1.05 - Program Requirement	CSN201 Client Operating Systems (Fall Only)	3	1
1.06 - Program Requirement	Select one SUNY approved American History, Western Civilization, World Civilization, Humanities, Arts, World Language course or SPE 108 or 109	3	2
1.07 - Program Requirement	CIS125 Programming and Problem Solving	3	2
1.08 - Program Requirement	CIS102 Introduction to Computers	3	2
1.09 - Program Requirement	CSN151 Computer Repair	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**27**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	12	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, or 107	3	2
1.03 - MATHEMATICS	MAT 121 or 136	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	2
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	3

1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Arts, Humanities or World Language	3	2
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	2
1.10 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	3
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CIS 125 Programming and Problem Solving	3	1
2.02 - Program Requirement	CSN 115 Introduction to Operating Systems	3	1
2.03 - Program Requirement	CSN 121 Network Fundamentals	3	1
2.04 - Program Requirement	BUS 101 Principles of Business	3	2
2.05 - Program Requirement	CSN 151 Computer Repair	3	2
2.06 - Program Requirement	CIS 116 Microcomputer Applications	3	3
2.07 - Program Requirement	CSN 201 Client Operating Systems (Fall Only)	3	3
2.08 - Program Requirement	HUR 101 Human Relations 1 or HUS 102 Interpersonal Skills	3	3
2.09 - Program Requirement	SPE 101, 102, 108, 109 or BUS 106	3	3
2.10 - Program Requirement	BUS 201 Professional Sales	3	4
2.11 - Program Requirement	BUS 221 Introduction to Project Management	3	4
2.12 - Program Requirement	CSN 217 Information Technology Internship	3	4
2.13 - Program Requirement	HUR 102 Human Relations 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion

4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, 107, SPE 108, or 109	3	4
1.03 - MATHEMATICS	MAT 121, 122, 136, 140, or 141	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	2
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	3
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CSN 115 Introduction to Operating Systems	3	1
2.02 - Program Requirement	CSN 121 Network Fundamentals	3	1
2.03 - Program Requirement	CSN 151 Computer Repair	3	1
2.04 - Program Requirement	BUS 221 Introduction to Project Management	3	2
2.05 - Program Requirement	CIS 125 Programming and Problem Solving	3	2
2.06 - Program Requirement	CSN 221 Inter/Intra Networking (Spring Only)	3	2
2.07 - Program Requirement	MAT 121, 122, 136, 140, 141, 142	3	2
2.08 - Program Requirement	CSN 201 Client Operating Systems (Fall Only)	3	3
2.09 - Program Requirement	CSN209 Overview of Computer and Network Security (Fall Only)	3	3
2.10 - Restricted Elective	CIS 113, 116, 120, 204, 215, 219, or CSN 130	3	3
2.11 - Program Requirement	CSN 202 Server Operating Systems (Spring Only)	3	4
2.12 - Program Requirement	CSN 217 Information Technology Internship	3	4
2.13 - Restricted Elective	CIS 112 (Spring Only), 113, 116, 120, 204, 215, 219, 221(Spring Only), or CSN 130	3	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	62	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	MET BY	27	As Listed
1.01 - Program Requirement	ENG 101 College Composition	3	1
1.02 - Program Requirement	CIS 116 Microcomputer Applications	3	1
1.03 - Program Requirement	CSN 115 Introduction to Operating Systems	3	1
1.04 - Program Requirement	CSN 121 Network Fundamentals	3	1
1.05 - Program Requirement	CSN 201 Client Operating Systems (Fall Only)	3	1
1.06 - Program Requirement	HUR 101 Human Relations 1 or HUS 102 Interpersonal Skills	3	2
1.07 - Program Requirement	BUS 101 Principles of Business	3	2
1.08 - Program Requirement	BUS221 Introduction to Project Management	3	2
1.09 - Program Requirement	CIS125 Programming and Problem Solving	3	2

2 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	27	Upon Completion
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	12	2
3 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	23	As Listed
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, or 107	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	3
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	3
1.07 - HUMANITIES, ARTS, LANG	PHO 103 or 118	3	2
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	4
2 - PROGRAM REQUIREMENT	MET BY	38	As Listed
2.01 - Program Requirement	ART 209 Computer Graphics 1	3	1
2.02 - Program Requirement	CIS 113 Web Publishing	3	1

2.03 - Program Requirement	CIS 125 Programming and Problem Solving	3	1
2.04 - Program Requirement	BUS 101 Principles of Business	3	2
2.05 - Program Requirement	CIS 204 Web Design and Implementation (Spring Only)	3	2
2.06 - Restricted Elective	Select one any CIS option (except 102), any CSN option, or BUS 213	3	2
2.07 - Program Requirement	CIS 219 Computer Programming 1	4	3
2.08 - Program Requirement	CSN 217 Information Technology Internship	3	3
2.09 - Program Requirement	HUR 101 Human Relations 1/HUS 102 Interpersonal Skills or BUS 213 Principles of Marketing	3	3
2.10 - Program Requirement	CIS 208 Database	3	4
2.11 - Program Requirement	ART 210 Computer Graphics 2	3	4
2.12 - Program Requirement	CIS 215 Web Scripting (Spring Only)	4	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**61**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

993: Web Design Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**29**	**As Listed**
1.01 - Program Requirement	MAT 102 or Higher	3	1
1.02 - Program Requirement	ART 209 Computer Graphics 1	3	1
1.03 - Program Requirement	CIS 113 Web Publishing	3	1

1.04 - Program Requirement	CIS 125 Programming and Problem Solving	3	1
1.05 - Program Requirement	PHO 118 Introduction to Digital Photography	3	1
1.06 - Program Requirement	CIS 219 Computer Programming 1	4	2
1.07 - Program Requirement	CIS 204 Web Design and Implementation (Spring Only)	3	2
1.08 - Program Requirement	CIS 215 Web Scripting (Spring Only)	4	2
1.09 - Program Requirement	Restricted Elective Select any CIS or CSN option excluding CIS102	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**29**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	14	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

Creative Arts

Communication 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: Communication and Media Arts A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**32**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2

1.03 - COMMUNICATION ORAL	SPE 108 Public Speaking	3	2
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	3
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History 1 or HIS 204 US History 2	3	2
1.08 - HUMANITIES, ARTS, LANG	ART 104 Western Art History	3	3
1.09 - LAS ELECTIVE	Select one SUNY approved World History and Global Awareness course	3	4
1.10 - DIVERSITY (DEISJ)	Select one SUNY approved DEISJ course	3	4
1.11 - SUNY GEN ED SELECTION	Not required due to standalone DEISJ course	0	N/A
1.12 - HEALTH/PE/ATH	Select 2 credits from any HED, PED or ATH option	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	COM 101 Introduction to Mass Media	3	1
2.02 - Program Requirement	Select one SUNY approved World Language course (per Note 1)	3	1
2.03 - Program Requirement	COM 111 TV and Video Production	3	1
2.04 - Program Requirement	COM 120 New Communication Technologies	3	2
2.05 - Program Requirement	JOU 101 Introduction to Journalism	3	2
2.06 - Program Requirement	ENG 125 Media Writing	3	3
2.07 - General Elective	General Elective	3	3
2.08 - Program Requirement	COM 110 Introduction to Broadcasting	3	3
2.09 - Program Requirement	PHO 103 Intro to B&W Photography or PHO 118 Intro to Digital Photography	3	4
2.10 - Program Requirement	COM 211 Advanced Video Production	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4

4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or ENG 105 Technological Competency: COM 120 Values & Ethics: ART 104	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	For students having obtained an 85 or higher on the Regents B exam or on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select an additional 3-credit Select one SUNY Approved General Education Course	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Arts A A S Degree Requirements Table

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	23	As Listed
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - MATHEMATICS	Proficiency Only (Procedure 321)	0	N/A
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	2
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4

1.07 - HUMANITIES, ARTS, LANG	ART 110 Drawing 1	3	1
1.08 - LAS ELECTIVE	ART 103 or 104	3	1
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	ART 105 Two Dimensional Design	3	1
2.02 - Program Requirement	ART 209 Computer Graphics 1	3	1
2.03 - Program Requirement	BUS 203 Advertising or COM 107 Visual Communications	3	1
2.04 - Program Requirement	ART 107 Typography and Layout (Spring Only)	3	2
2.05 - Program Requirement	ART 210 Computer Graphics 2 (Spring Only)	3	2
2.06 - Restricted Elective	Restricted Elective 1 (per item 4.02)	3	2
2.07 - Program Requirement	ART207 Graphic Design Applications (Fall Only)	3	3
2.08 - Program Requirement	PHO103 Introduction to Black & White Photography	3	3
2.09 - Restricted Elective	Restricted Elective 2 (per item 4.02)	3	3
2.10 - General Elective	General Elective	3	3
2.11 - Program Requirement	ART213 Digital Art Internship (Spring Only)	3	4
2.12 - Program Requirement	ART217 Graphic Design Portfolio (Spring Only)	3	4
2.13 - Restricted Elective	CIS113 Web Publishing	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	18	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	12	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Restricted Electives	Choose from: ART 102, 111, 113, 114, 115, 127, 210, 214 (Fall Only), 221, 225, BUS 101, 106, 111, 203, 204, 205, 208, 225 CIS 106, 125, 127, 204, 208, 215, 219	0	As Selected

	COM107, 111, 120, 211, 215, 216, COM 223/CIS 223, MUS 102, PHO 105, 118, THE 106, 210, 238		
4.03 - Note	In order to stay in sequence, students entering digital arts in the spring semester should petition the instructor for permission to take ART 107 concurrently with ART 105 and ART 209.	0	Informational Note
4.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	32	As Listed
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 102, 108 or 109	3	4
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	3
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one: GEO 102, MUS 204, or POS 108	3	3
1.08 - HUMANITIES, ARTS, LANG	ART103 Western Art History 1	3	1
1.09 - LAS ELECTIVE	ART 104 Western Art History 2	3	2
1.10 - DIVERSITY (DEISJ)	Met by History, Engagement, Awareness	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course (per Note 1)	3	2
1.12 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	3

2 - PROGRAM REQUIREMENT	MET BY	30	As Listed
2.01 - Program Requirement	ART105 Two Dimensional Design	3	1
2.02 - Program Requirement	ART110 Drawing 1	3	1
2.03 - Program Requirement	ART114 Painting 1	3	2
2.04 - Program Requirement	ART127 3-D Design (Spring Only)	3	2
2.05 - Program Requirement	PHO118 Introduction to Digital Photography	3	3
2.06 - Program Requirement	ART123 Ceramics 1	3	3
2.07 - Program Requirement	Fine Arts Elective (See Item 4.04)	3	3
2.08 - Program Requirement	ART111 Drawing 2	3	4
2.09 - Program Requirement	ART221 Museum and Portfolio Fundamentals	3	4
2.1 - Program Requirement	Fine Arts Elective 2 (See Item 4.04)	3	4
3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	62	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	17	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105, ART 103 Technological Competency: PHO 118 Values & Ethics: ART 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Fine Arts Elective	Select one from: ART 115, 124, 209, PHO 103 or 105	0	As Appropriate
4.05 - Note 1	For 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	0	As Appropriate

	or an additional 3-credit SUNY General Education Elective.		
4.06 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

Theatre Arts (A.S.)

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.

2060: Theatre Arts A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**33**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 102, 108 or 109	3	1
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	2
1.06 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	3
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved US History & Civic Engagement or World History & Global Awareness course	3	1
1.08 - HUMANITIES, ARTS, LANG	THE 101 Intro to Theatre	3	1
1.09 - LAS ELECTIVE	THE 202 Theatre History 1	3	2
1.10 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	THE 212 Play Analysis	3	4
1.12 - HEALTH/PE/ATH	DAN 127	3	3
2 - PROGRAM REQUIREMENT	**MET BY**	**27**	**As Listed**
2.01 - Program Requirement	THE 106 Stage Craft	3	2
2.02 - Program Requirement	THE 116 Performance in Theatre (per Note 1)	1	2

2.03 - Program Requirement	THE 103 Fundamentals of Acting	3	2
2.04 - Program Requirement	THE 117 Theatre Practicum (per Note 1)	1	3
2.05 - Program Requirement	THE 204 Theatre History 2	3	3
2.06 - Program Requirement	THE 210 Intro Theatrical Design or THE 221 Children's Theatre	3	3
2.07 - Program Requirement	THE 203 Developing a Character	3	3
2.08 - Program Requirement	THE 205 Audition Techniques or THE 207 Stage Management	3	4
2.09 - Program Requirement	THE 118 Theatre Practicum (per Note 1)	1	4
2.10 – General Elective	General Elective 1	3	4
2.11 – General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**60**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	13	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105, THE 212 Technological Competency: THE 106 Values & Ethics: PSY 104	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.04 - Note 1	Student may not enroll in more than two theatre practicum courses in the same semester.	0	Informational Note
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

461: Theatre Technology A A S Degree Requirements Table
FALL 2021 to CURRENT – **NO LONGER ACCEPTING NEW STUDENTS**

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	ENG 102 or ENG106	3	2
1.03 - MATHEMATICS	Proficiency Only	0	N/A
1.04 - NATURAL SCIENCE	PHY 100 or PHY 121	3	3
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	2
1.06 - HISTORY, ENGAGEMENT, AWARENESS	History 203 or 204 (per Note 1)	3	3
1.07 - HUMANITIES, ARTS, LANG	THE 101 Intro to Theatre	3	2
1.08 - LAS ELECTIVE	Select one SUNY approved World Civilization course	3	3
1.09 - HEALTH/PE/ATH	Select any 2 DAN/HED/PED/ATH credits (DAN/PED 127 Recommended)	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	SPE 109 Interpersonal Communications	3	1
2.02 - Program Requirement	THE 106 Stage Craft	3	1
2.03 - Program Requirement	THE 116 Performance in Theatre	1	1
2.04 - Program Requirement	THE 202 Theatre History 1 or THE 204 Theatre History 2	3	1
2.05 - Program Requirement	THE 117 Performance in Theatre	1	2
2.06 - Program Requirement	THE 210 Intro to Theatrical Design	3	3
2.07 - Program Requirement	THE 212 Play Analysis	3	4
2.08 - Program Requirement	THE 236 Stage Lighting	3	4
2.09 - Program Requirement	THE 238 Stage Sound	3	1
2.1 - Program Requirement	THE 256 Field Study Placement	1	4
2.11 - Program Requirement	COM 111 TV and Video Production (Fall Only)	3	3
2.12 – Program Requirement	EGR 118 Computer Assisted Drafting (Fall Only)	3	3
2.13 - General Elective	General Electives (per Note 2)	9	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	62	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 – Note 1	Note 1: For students having obtained an 85 or higher on the US History Regents exam Select one SUNY Approved American History Course	0	As Appropriate
4.03 – Note 2	Note 2: 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. THE103 and COM103 are recommended.	0	Upon Completion
4.04 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

987: Musical Theatre Certificate Requirements Table
FALL 2021 to CURRENT – **NO LONGER ACCEPTING NEW STUDENTS**

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	MET BY	17	As Listed
1.01 - Program Requirement	THE103 Fundamentals of Acting	3	1
1.02 - Program Requirement	THE101 Introduction to Theatre	3	1
1.03 - Program Requirement	MUS128 Applied Music: Private Voice Lessons	1	1
1.04 - Program Requirement	Restricted Elective Select one: THE203, SPE102 or MUS102 (highly recommended)	3	1
1.05 - Program Requirement	DAN127 Introduction to Movement and Dance	3	2
1.06 - Program Requirement	MUS129 Applied Music: Private Voice Lessons	1	2

1.07 - Program Requirement	THE205 Audition Techniques	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**17**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	10	1
2.02 - Semester 2	Semester 2 Total Credits	7	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.04 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

Health and Physical Education

Fitness & Recreation Management: 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 as a certified personal trainer.

428: Fitness and Recreation Management A A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	SPE 108 Public Speaking	3	2
1.03 - MATHEMATICS	MAT 129 or 108	3	1
1.04 - NATURAL SCIENCE	BIO 108 or 150 (per Note 2)	3	3
1.05 - SOCIAL SCIENCE	ECO 101 Microeconomics	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	4

1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	PED 171 and 172 (per Note 1)	2	1
2 - PROGRAM REQUIREMENT	**MET BY**	**40**	**As Listed**
2.01 - Program Requirement	PED 251 Introduction to Sport Management	3	1
2.02 - Program Requirement	HED 205 Responding to Emergencies	3	1
2.03 - Program Requirement	PED 277 Sport Facility Management (Spring Only)	3	2
2.04 - Program Requirement	ACC 101 Accounting 1 or ACC 106 Basic Accounting Practices	3	2
2.05 - Program Requirement	CPS 101 Introduction to Creative Problem Solving	3	2
2.06 - Program Requirement	PED 255 Athletic Training	3	2
2.07 - Program Requirement	PED 273 Principles of Personal Training (Fall Only)	3	3
2.08 - Program Requirement	PED 258 Sport Marketing	3	3
2.09 - Program Requirement	CIS 102 Intro to Computers or CIS 116 Microcomputer Applications	3	3
2.10 - Program Requirement	HED 209 Health Sciences Related to Coaching	3	4
2.11 - Program Requirement	PED 285 Exercise Physiology (Spring Only)	4	4
2.12 - Program Requirement	PED 261 Sport Management Internship (Spring Only)	3	4
2.13 - Program Requirement	BUS 108 Customer Service Management, BUS 201 Professional Sales or BUS 203 Advertising	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	17	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	This course meets Local General Education Requirement and Program Requirement	0	Informational Note
4.03 - Note 2	Student may exceed 63 credits if BIO 150 is chosen	0	As Selected
4.04 - Electives	Electives for this program should be selected with the transfer institution and program of interest in mind.	0	Prior to Completion

	For additional assistance with course selection, see Transfer Services in the Student Success Center.		
4.02 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**24**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	SPE 108 Public Speaking	3	2
1.03 - MATHEMATICS	MAT 129 Statistics	3	3
1.04 - NATURAL SCIENCE	BIO 150 (Fall Only) or BIO 152 (per Note 1)	4	3
1.05 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	3
1.06 - HISTORY, ENGAGEMENT, AWARENESS	HIS 217 History of Sport (Fall Only) (per Note 1)	3	1
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts course	3	4
1.08 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.09 - HEALTH/PE/ATH	PED 144 Hiking, Walking, and Backpacking (Fall Only)	2	1
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	PED 104 Teaching Methods n Sport Skills Studies (Fall Only)	3	1
2.02 - Program Requirement	HED 205 Responding to Emergencies or PED109 Lifeguarding	3	1
2.03 - Program Requirement	PED 250 Introduction to Physical Education	3	1
2.04 - Program Requirement	HED 209 Health Sciences Related to Coaching	3	2
2.05 - Program Requirement	PED 180 Rhythmic Movement and Dance (Spring Only)	1	2
2.06 - Program Requirement	PED 255 Athletic Training	3	2

2.07 - Program Requirement	Intermediate PE Skill 1 (per Note 2)	1	2
2.08 - Program Requirement	Intermediate PE Skill 2 (per Note 2)	1	2
2.09 - General Elective	General Elective	3	2
2.10 - Program Requirement	Select one SUNY approved World Language course (per Note 3)	3	3
2.11 - Program Requirement	PED 271 Principles of Coaching	3	3
2.12 - Program Requirement	PED 272 Theory and Techniques of Coaching	3	4
2.13 - Program Requirement	PED 285 Exercise Physiology (Spring Only)	4	4
2.14 - Program Requirement	Intermediate PE Skill 3 (per Note 2)	1	4
2.15 - Program Requirement	Intermediate PE Skill 4 (per Note 2)	1	4
2.16 - General Elective	General Elective	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	17	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: PED 271 Technological Competency: PED 285 Values & Ethics: PED 250, PED 271	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Note 1	This course meets Local General Education Requirement and Program Requirement	0	Informational Note
4.04 - Note 2	Intermediate Skill Courses include PED 121, PED 140, PED 141, PED 149, PED 151, PED 154	0	As Selected
4.05 - Note 3	*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 foreign language requirement and may select a language or an additional 3 credit SUNY General Education Elective.*	0	Informational Note

4.06 - 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 Transfer Services in the Student Success Center.	0	Prior to Completion
4.07 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

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: Liberal Arts & Science: Sport Management A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**31**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108 or SPE109	3	2
1.04 - MATHEMATICS	MAT 129 Statistics	3	3
1.05 - NATURAL SCIENCE	BIO 102, BIO 108 or BIO 150 (Per Note 2)	3	3
1.06 - SOCIAL SCIENCE	PSY 104 Intro to Psychology	3	3
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts course	3	4
1.09 - LAS ELECTIVE	Select one SUNY approved Liberal Arts and Sciences course	3	4
1.10 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course (per Note 1)	3	4
1.12 - HEALTH/PE/ATH	PED 171 or PED 172 or PED 259 (Per Note 2)	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**

2.01 - Program Requirement	ECO 101 Microeconomics or ECO 105 Macroeconomics	3	1
2.02 - Program Requirement	PED 251 Introduction to Sports Management	3	1
2.03 - Program Requirement	PED 271 Principles of Coaching	3	1
2.04 - Program Requirement	BUS 101 Principles of Business	3	1
2.05 - Program Requirement	ACC 101 Introduction to Financial Accounting	3	2
2.06 - Program Requirement	PED 277 Sport Facility Management (Spring Only)	3	2
2.07 - Program Requirement	PED 258 Sport Marketing (Fall Only)	3	3
2.08 - Computer Elective	CIS 102 Intro to Computers or CIS 116 Microcomputer Applications	3	3
2.09 - Program Requirement	PED 261 Sport Management Internship (Spring Only)	3	4
2.1 - Business Elective	BUS 109 Principles of Retailing or BUS 205 Business Law 1	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**61**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG102, PED271 Technological Competency: BUS101, CIS102, CIS116, PED 251 Values & Ethics: BUS 101, PED251, PED271	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Note 1	For students having obtained an 85 or higher on the Regents B exam or on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select an additional 3-credit *SUNY approved General Education course.*	0	As Appropriate
4.04 - Note 2	Course meets Local General Education (LGE) requirement and program requirement, HED/PED LGE met by program requirements when student selects 1 credit option. Students who select a 2 credit PED and/or 4 credit Natural Science course may complete the degree with up to 63 credits.	0	As Applicable

4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

_001: NYS Coaching Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**12**	**As Listed**
1.01 - Program Requirement	HED 205 Responding to Emergencies (Per Note 1)	3	1
1.02 - Program Requirement	HED 209 Health Sciences for Coaching	3	1
1.03 - Program Requirement	PED 271 Principles of Coaching	3	1
1.04 - Program Requirement	PED 272 Theory and Techniques of Coaching	3	1
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**12**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	12	1
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	Credit for Prior Learning can be assessed for students with current CPR/AED certification.	0	As Appropriate
3.02 - Note 2	This Micro-Credential can be completed in the fall or spring.	0	As Appropriate
3.03 - Note 3	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

Health Care

Health Studies (A.S., 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.

690: Health Studies A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**33**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1

1.02 - COMMUNICATION W 2	ENG 102 or 107	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	4
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course (MAT 121 for PTA students)	3	1
1.05 - NATURAL SCIENCE	CHE 100 Introduction to Chemistry or Chemistry 103 General Chemistry 1 and CHE103L	3	1
1.06 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved US History & Civic Engagement or World History & Global Awareness course	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts, or World Language course	3	2
1.09 - LAS ELECTIVE	BIO 104 Fundamentals of Cell Biology or BIO 125 General Biology 1 and BIO 125L	3	1
1.10 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	3
1.12 - HEALTH/PE/ATH	HED 205 Responding to Emergencies	3	2
2 - PROGRAM REQUIREMENT	**MET BY**	**29**	**As Listed**
2.01 - Program Requirement	BIO 152 Anatomy and Physiology 1	4	2
2.02 - Program Requirement	OFT 116 Medical Terminology	3	2
2.03 - Program Requirement	BIO 108 Human Nutrition	3	3
2.04 - Program Requirement	HED 113 Alcohol/Drug Use and Abuse or PHB 101 Phlebotomy	3	3
2.05 - Program Requirement	BIO 153 Anatomy & Physiology 2	4	3
2.06 - General Elective 1	General Elective 1 (Recommendations in note 4.03)	3	3
2.07 - Program Requirement	PSY 203 Dev Psychology Across Lifespan or SOC 101 Introduction to Sociology	3	4
2.08 - Program Requirement	HED 204 Introduction to Healthful Living	3	4
2.09 - General Elective 2	General Elective 2 (Recommendations in note 4.03)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	16	3

3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or ENG 107 Technological Competency: BIO 104 or BIO 125/125L Values & Ethics: PSY 104	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Recommended General Electives	These electives should be discussed and planned with students depending on their situation and career goals. OFT 155 Medical Coding I (CPT), OFT 255 Medical Coding II(ICD10), OFT 135 Medical Forms & Billing, BIO 201 Microbiology & Human Disease, SOC 101 Introductory Sociology, NUR 128 PN to RN Transition 1, or NUR 129 PN to RN Transition 2, PED 285 Exercise Physiology, PSY 106 Human Sexuality, PSY 203 Development psychology across the Lifespan, PSY 210 Child Development, PSY 211 Adolescent Development	0	Prior to Completion
4.04 - Substitutions	CHE 100 or CHE 103/L and/or BIO 104 or BIO 125/L are prerequisite courses; if requirements are fulfilled by other coursework or exam scores student may substitute an alternate elective.	0	Prior to Completion
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**13**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 Composition in the Natural and Social Sciences	3	2
1.03 - MATHEMATICS	Proficiency Only (per procedure 321)	0	N/A

1.04 - NATURAL SCIENCE	BIO 201 Microbiology and Human Disease	4	3
1.05 - SOCIAL SCIENCE	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	General Education Waiver Approved	0	N/A
1.07 - HUMANITIES, ARTS, LANG	General Education Waiver Approved	0	N/A
1.08 - LAS ELECTIVE	General Education Waiver Approved	0	N/A
1.09 - HEALTH/PE/ATH	General Education Waiver Approved	0	N/A
2 - PROGRAM REQUIREMENT	**MET BY**	**51**	**As Listed**
2.01 - Program Requirement	BIO 152 Anatomy & Physiology 1	4	1
2.02 - Program Requirement	BIO 153 Anatomy & Physiology 2	4	2
2.03 - Program Requirement	*NUR 111 Nursing 1 (Note 3 applies for LPN to RN students)*	5	1
2.04 - Program Requirement	*NUR LC1 Nursing Lab/Clinical 1 (Note 3 applies for LPN to RN students)*	3	1
2.05 - Program Requirement	*NUR 112 Nursing 2 (Note 3 applies for LPN to RN students)*	5	2
2.06 - Program Requirement	*NUR LC2 Nursing Lab/Clinical 2 (Note 3 applies for LPN to RN students)*	3	2
2.07 - Program Requirement	*NUR 122 Pharmacology for Nurses (Note 3 applies for LPN to RN students)*	3	2
2.08 - Program Requirement	NUR 211 Nursing 3	5	3
2.09 - Program Requirement	NUR LC3 Nursing Lab/Clinical	3	3
2.10 - Program Requirement	NUR 212 Nursing 4	5	4
2.11 - Program Requirement	NUR LC4 Nursing Lab/Clinical 4	3	4
2.12 - Program Requirement	NUR 230 Professional Issues in Nursing	3	3
2.13 - Program Requirement	NUR 222 Nursing 5	2	4
2.14 - Program Requirement	NUR LC5 Nursing Lab/Clinical 5	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	18	1
3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	13	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

ITEM	REQUIREMENT	CREDITS	SEMESTER
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	Nursing students must achieve a minimum grade of "C" in all NUR courses and the sciences (BIO 152, BIO 153 and BIO 201) and a grade of "CP" in all clinical courses to progress in the program.	0	As Applicable
4.03 - Note 2	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.	0	As Applicable
4.04 - Note 3	PN TO RN TRANSITION STUDENTS ONLY Students with pre-admission placement into the PN to RN program must pass NUR130 (PN to RN Transition) & NUR131 (Intro to AND) with a grade of "C" or better to be accepted to the RN program. For students having already obtained LPN status prior to beginning the GCC nursing program, credit is granted for NUR 111, NUR LC1, NUR 112, NUR LC2, and NUR 122 upon completion of the GCC RN program requirements.	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Therapy Assistant A A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**20**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	2
1.02 - COMMUNICATION W2	ENG 102 Composition in the Natural and Social Sciences	3	3
1.03 - MATHEMATICS	MAT 121 Technical Math 1	3	1
1.04 - NATURAL SCIENCE	BIO 152 Anatomy & Physiology 1	4	1
1.05 - SOCIAL SCIENCE	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	3
1.06 - HISTORY, ENGAGEMENT, AWARENESS	General Education Waiver Approved	0	N/A

1.07 - HUMANITIES, ARTS, LANG	General Education Waiver Approved	0	N/A
1.08 - LAS ELECTIVE	BIO 153 Anatomy & Physiology 2	4	2
1.09 - HEALTH/PE/ATH	General Education Waiver Approved	0	N/A
2 - PROGRAM REQUIREMENT	**MET BY**	**46**	**As Listed**
2.01 - Program Requirement	HUS 250 Introduction to Developmental Disabilities	3	1
2.02 - Program Requirement	PTA 101 Physical Therapist Interventions 1	3	1
2.03 - Program Requirement	PTA LB1 Lab for PTA 1	2	1
2.04 - Program Requirement	PTA 106 Introduction to Physical Therapy	2	1
2.05 - Program Requirement	PTA 102 Physical Therapist Interventions 2	3	2
2.06 - Program Requirement	PTA LB2 Lab for PTA 102	2	2
2.07 - Program Requirement	PTA 110 Kinesiology	2	2
2.08 - Program Requirement	PTA LB3 Kinesiology Lab	1	2
2.09 - Program Requirement	PTA 121 Clinical Experience 1	3	2.5
2.10 - Program Requirement	HUS 124 Gerontology	3	3
2.11 - Program Requirement	PTA 202 Applied Neurology	3	3
2.12 - Program Requirement	PTA 203 Physical Therapist Interventions 3	3	3
2.13 - Program Requirement	PTA LB4 Lab for PTA 203	2	3
2.14 - Program Requirement	PTA 222 Clinical Experience 2	4	4
2.15 - Program Requirement	PTA 208 Physical Therapy Interventions 4	3	4
2.16 - Program Requirement	PTA LB5 Lab for PTA208	2	4
2.17 - Program Requirement	PTA 223 Clinical Experience 3	5	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**66**	**Upon Completion**
3.01 - Semester 1	Semester 1 Total Credits	17	1
3.02 - Semester 2	Semester 2 Total Credits	15	2
3.03 - Summer Semester	Summer Total Credits	3	2.5
3.04 - Semester 3	Semester 3 Total Credits	17	3
3.05 - Semester 4	Semester 4 Total Credits	14	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion

4.02 - Note 1	All math, science, and PTA courses must be completed with a grade of "C" or better (C minus is not acceptable), CR, TR in order to satisfy the requirements for this program. A grade of CP is required for clinical.	0	As Applicable
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**20**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	3
1.02 - COMMUNICATION W2	ENG 102 or 105	3	4
1.03 - MATHEMATICS	MAT 102, 108, 121, or 129	3	1
1.04 - NATURAL SCIENCE	BIO 152 Anatomy & Physiology 1	4	1
1.05 - SOCIAL SCIENCE	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	General Education Waiver Approved	0	N/A
1.07 - HUMANITIES, ARTS, LANG	General Education Waiver Approved	0	N/A
1.08 - LAS ELECTIVE	BIO 153 Anatomy & Physiology 2	4	2
1.09 - HEALTH/PE/ATH	General Education Waiver Approved	0	N/A
2 - PROGRAM REQUIREMENT	**MET BY**	**44**	**As Listed**
2.01 - Program Requirement	RCP 101 Respiratory Care I	2	1
2.02 - Program Requirement	RCP LB1 Respiratory Care I Lab	1	1
2.03 - Program Requirement	RCP 103 Cardiopulmonary Anatomy/Physiology	3	1
2.04 - Program Requirement	RCP 108 Medical Terminology for Health Studies	1	1
2.05 - Program Requirement	BIO 201 Microbiology and Human Disease	4	2
2.06 - Program Requirement	RCP 114 Respiratory Care II	2	2
2.07 - Program Requirement	RCP LB2 Respiratory Care II Lab	1	2
2.08 - Program Requirement	RCP 115 Mechanical Ventilation I	2	2
2.09 - Program Requirement	RCP LB3 Mechanical Ventilation I Lab	1	2
2.10 - Program Requirement	RCP 116 Mechanical Ventilation II	1	2.5

2.11 - Program Requirement	RCP LB4 Mechanical Ventilation II Lab	1	2.5
2.12 - Program Requirement	RCP 117 Respiratory Pharmacology	1	2.5
2.13 - Program Requirement	RCP 118 Clinical Practice I	2	2.5
2.14 - Program Requirement	RCP 202 Cardiopulmonary Pharmacology	2	3
2.15 - Program Requirement	RCP 203 Neonatal and Pediatric Respiratory Care	3	3
2.16 - Program Requirement	RCP 204 Cardiopulmonary Disease	2	3
2.17 - Program Requirement	RCP 209 Cardiopulmonary Diagnostics	3	3
2.18 - Program Requirement	RCP 210 Clinical Practice II	5	3
2.19 - Program Requirement	RCP 216 Clinical Practice III	5	4
2.20 - Program Requirement	RCP 218 Respiratory Care III	2	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.01 - Semester 1	Semester 1 Total Credits	14	1
3.02 - Semester 2	Semester 2 Total Credits	14	2
3.03 - Summer Semester	Summer Total Credits	5	2.5
3.04 - Semester 3	Semester 3 Total Credits	18	3
3.05 - Semester 4	Semester 4 Total Credits	13	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	All math, science, and RCP courses must be completed with a grade of "C" or better (C minus is not acceptable), CR, TR in order to satisfy the requirements for this program. A grade of CP is required for clinical.	0	As Applicable
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**21**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	BIO 103 Introduction to Microbiology (Spring Only)	3	2
1.05 - SOCIAL SCIENCE	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	2.5
1.07 - HUMANITIES, ARTS, LANG	SPA 101 Introductory Spanish 1 or higher	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	APPROVED WAIVER	0	N/A
2 - PROGRAM REQUIREMENT	**MET BY**	**49**	**As Listed**
2.01 - Program Requirement	BIO 123 Animal Anatomy & Physiology 1 (Fall Only)	3	1
2.02 - Program Requirement	BIO LB3 Lab for BIO123 (Fall Only)	1	1
2.03 - Program Requirement	VET 100 Veterinary Technology Orientation (Fall Only)	1	1
2.04 - Program Requirement	VET 101 Introduction to Veterinary Technology (Fall Only)	2	1
2.05 - Program Requirement	BIO 124 Animal Anatomy & Physiology 2 (Spring Only)	3	2
2.06 - Program Requirement	BIO LB4 Lab for BIO 124 (Spring Only)	1	2
2.07 - Program Requirement	VET 124 Veterinary Pharmacy and Pharmacology (Spring Only)	3	2
2.08 - Program Requirement	VET 223 Techniques in Laboratory Animals and Exotics (Spring Only)	2	2
2.09 - Program Requirement	VET LB3 Lab for VET 223 (Spring Only)	1	2
2.1 - Program Requirement	VET 201 Animal Clinic Externship 1 (Summer Only)	2	2.5
2.11 - Program Requirement	VET 202 Animal Clinic Externship 2 (Fall Only)	1	3
2.12 - Program Requirement	VET 234 Clinical Laboratory Techniques (Fall Only)	3	3
2.13 - Program Requirement	VET LB4 Lab for VET 234 (Fall Only)	1	3
2.14 - Program Requirement	VET 245 Small Animal Pathology and Nursing (Fall Only)	3	3

2.15 - Program Requirement	VET LB5 Lab for VET 245 (Fall Only)	1	3
2.16 - Program Requirement	VET 246 Large Animal Pathology and Nursing (Fall Only)	3	3
2.17 - Program Requirement	VET LB6 Lab for VET 246 (Fall Only)	1	3
2.18 - Program Requirement	VET 280 Veterinary Parasitology (Fall Only)	3	3
2.19 - Program Requirement	VET 203 Animal Clinic Externship 3 (Spring Only)	1	4
2.20 - Program Requirement	VET 212 Veterinary Nutrition (Spring Only)	2	4
2.21 - Program Requirement	VET 257 Principles of Veterinary Business (Spring Only)	3	4
2.22 - Program Requirement	VET 268 Surgical Nursing and Anesthesiology (Spring Only)	3	4
2.23 - Program Requirement	VET LB7 Lab for VET 268 (Spring Only)	1	4
2.24 - Program Requirement	VET 279 Veterinary Radiology and Dentistry (Spring Only)	3	4
2.25 - Program Requirement	VET LB8 Lab for VET 279 (Spring Only)	1	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**70**	**Upon Completion**
3.01 - Semester 1	Semester 1 Total Credits	16	1
3.02 - Semester 2	Semester 2 Total Credits	16	2
3.03 - Summer Semester	Summer Total Credits	5	2.5
3.04 - Semester 3	Semester 3 Total Credits	16	3
3.05 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note	**2.0 minimum grade required in all courses in the degree program.**	0	Prior to Completion
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Studies A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**33**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	HUS 102 Interpersonal Skills and Relationships	3	1
1.04 - MATHEMATICS	MAT 129 Statistics or PSY 250 Statistics for the Social Sciences	3	2
1.05 - NATURAL SCIENCE	BIO 102 Human Biology	3	3
1.06 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved US History and Civic Engagement course	3	3
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 - LAS ELECTIVE	Select one SUNY approved World Language course	3	3
1.10 - DIVERSITY (DEISJ)	Met by Social Sciences requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	SOC 101 Introductory Sociology	3	4
1.12 - HEALTH/PE/ATH	HED 204 Introduction to Healthful Living	3	4
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	HUS 101 Introduction to Human Services	3	1
2.02 - Program Requirement	HUS 113 Alcohol/Drug Use and Abuse	3	1
2.03 - Program Requirement	HUS 110 Internship in Human Services 1	3	2
2.04 - Program Requirement	HUS 116 Impact of Alcohol and Substance Abuse	3	2
2.05 - General Elective	General Elective 1 (Recommended PSY 202)	3	2
2.06 - Program Requirement	HUS 201 Internship in Human Services 2	3	3
2.07 - Program Requirement	HUS 206 Alcohol and Drug Treatment	3	3
2.08 - Program Requirement	HUS 207 Generalist Practice Skills	3	4
2.09 - Program Requirement	HUS 208 Group Facilitation	3	4
2.1 - General Elective	General Elective 2	3	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	63	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	18	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105 Technological Competency: HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	MET BY	30	As Listed
1.01 - Program Requirement	ENG 101 College Composition	3	1
1.02 - Program Requirement	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	1
1.03 - Program Requirement	HUS 101 Human Services	3	1
1.04 - Program Requirement	HUS 104 The Preschool Child: Health, Safety and Nutrition (per Note1)	3	1

1.05 - Restricted Elective	Restricted Elective 1 (see 3.02)	3	1
1.06 - Program Requirement	HUS 106 Early Childhood Education: Methods & Materials (per Note1)	3	2
1.07 - Program Requirement	HED 204 Intro to Healthful Living	3	2
1.08 - Program Requirement	HUS 110 Field Experience in Human Service 1	3	2
1.09 - Program Requirement	PSY 210 Child Development	3	2
1.10 - Restricted Elective	Restricted Elective 2 (see 3.02)	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.1 - Semester 1	Semester 1 Total Credits (per Note 2)	15	1
2.2 - Semester 2	Semester 2 Total Credits (per Note 2)	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - Restricted Electives	ASL 101, 102, HED 205, HUS 103, 107, 108, 109, 130, 250, 251, HUS/HED 113, HUS/HED 114, LIT 203, PSY 202, SOC 103, or any SPA course.	0	Informational Note
3.03 - Note 1	HUS 104 and 106 can be taken in either the 1st or 2nd semesters as available	0	As Applicable
3.04 - Note 2	Students may enroll concurrently in the Human Services Degree Program	0	Informational Note
3.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**32**	**As Listed**
1.01 - Program Requirement	ENG 101 College Composition	3	1

1.02 - Program Requirement	BIO 102 Human Biology	3	1
1.03 - Program Requirement	HUS 101 Introduction to Human Services	3	1
1.04 - Program Requirement	HUS 250 Introduction to Developmental Disabilities	3	1
1.05 - Program Requirement	PSY101 General Psychology or PSY 104 Intro to Psychology	3	1
1.06 - Program Requirement	PED 177 Adaptive Physical Education	2	1
1.07 - Program Requirement	HUS 110 Field Experience in Human Services 1	3	2
1.08 - Program Requirement	HUS 251 Developmental Disabilities: Strategies and Lifespan Applications	3	2
1.09 - Program Requirement	PSY 210 Child Development or PSY 211 Adolescent Development	3	2
1.10 - Program Requirement	HED 205 Responding to Emergencies	3	2
1.11 - Restricted Elective	Restricted Elective 1 (see 3.02)	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**32**	**Upon Completion**
2.1 - Semester 1	Semester 1 Total Credits (per Note 2)	17	1
2.2 - Semester 2	Semester 2 Total Credits (per Note 2)	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - Restricted Electives	ART 110 127, ASL 101, HUS 104, 106, HUS/HED 113, HUS/HED 114, HED 204, HUS 124, 130, HUR 101, MUS 101, SOC 101, PSY 202, 204, THE 101, 103	0	As Listed
3.03 - Note 1	Students interested in working with children must complete the NYS Child Abuse and Reporting Seminar before employment.	0	As Applicable
3.04 - Note 2	This certificate can be taken separately or in conjunction with a Human Services Program associate's degree.	0	As Applicable
3.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**33**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	HUS 102 Interpersonal Skills and Relationships	3	1
1.04 - MATHEMATICS	MAT 129 or PSY 250	3	2
1.05 - NATURAL SCIENCE	BIO 102 Human Biology	3	3
1.06 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	[Select one SUNY approved US History and Civic Engagement course](#)	3	3
1.08 - HUMANITIES, ARTS, LANG	[Select one SUNY approved Humanities course](#)	3	4
1.09 - LAS ELECTIVE	[Select one SUNY approved World Language course](#)	3	3
1.10 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	SOC 101 Introductory Sociology	3	4
1.12 - HEALTH/PE/ATH	HED 204 Introduction to Healthful Living	3	4
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	HUS101 Introduction to Human Services	3	1
2.02 - General Elective	General Elective 1 (as per 4.03)	3	1
2.03 - Program Requirement	HUS110 Internship in Human Services 1	3	2
2.04 - Program Requirement	HUS 208 Group Facilitation	3	2
2.05 - Program Requirement	PSY 202 Abnormal Psychology	3	2
2.06 - Program Requirement	HUS 201 Internship in Human Services 2	3	3
2.07 - Program Requirement	Restricted Elective 1 (as per 4.04)	3	3
2.08 - Program Requirement	HUS 207 Generalist Practice Skills	3	4
2.09 - Program Requirement	Restricted Elective 2 (as per 4.04)	3	4
2.10 - Program Requirement	Restricted Elective 3 (as per 4.04)	3	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	63	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	18	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or ENG 105 Technological Competency: HUS 102 Values & Ethics: PSY 104	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Restricted Electives	HED204, HUS103, HUS104, HUS106, HUS 113, HUS 116, HUS124, HUS130, HUS 206, HUS250, HUS251, POS101, POS103, PSY102, PSY106, PSY203, SOC102, SOC103, SOC 210 *Students seeking CASAC should select: HUS 113, HUS 116, and HUS 206. *Students transferring for Rehabilitation Counseling should choose three of the following: CRJ 101, CRJ 113, CRJ 202, CRJ 209, SOC 210.	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

605: Human Services A A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	23	As Listed

1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, 107, SPE 108 or 109	3	2
1.03 - MATHEMATICS	Proficiency Only (per procedure 321)	0	N/A
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Arts, Humanities or World Language	3	4
1.08 - LAS ELECTIVE	SOC 101 Introductory Sociology	3	2
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	HUS 101 Human Services	3	1
2.02 - Program Requirement	HUS 103 Family Crisis Intervention	3	1
2.03 - Program Requirement	HUR101 Human Relations 1 or HUS 102 Interpersonal Skills and Relationships	3	1
2.04 - Program Requirement	HUS 110 Internship in Human Service 1	3	2
2.05 - Program Requirement	HUS 250 Introduction to Developmental Disabilities	3	2
2.06 - Restricted Elective	Restricted Elective 1	3	2
2.07 - Program Requirement	HUS 106 Early Childhood Education - Method and Materials	3	3
2.08 - Program Requirement	HUS 124 Gerontology	3	3
2.09 - Program Requirement	HUS 201 Internship in Human Service 2	3	3
2.10 - Restricted Elective	Restricted Elective 2	3	3
2.11 - Restricted Elective	Restricted Elective 3	3	4
2.12 - General Elective	General Elective 1	3	4
2.13 - General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	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.	0	As Applicable
4.03 - Restricted Electives	Choose from: CIS 102, 116, HUR 102, HUS 104, 114, 130, 204, 205, 251, HED 204, LIT 203, PSY 106, 201, 202, 203, 204, SOC 102, 103, 115, 204, 205, any ASL or SPA course	0	As Selected
4.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	ENG 101 College Composition	3	1
1.02 - Program Requirement	PSY 101 General Psychology or PSY 104 Intro to Psychology	3	1
1.03 - Program Requirement	HUR 101 Human Relations or HUS 102 Interpersonal Skills & Relationships	3	1
1.04 - Program Requirement	HUS 101 Human Services	3	1
1.05 - Program Requirement	HUS 124 Gerontology	3	1
1.06 - Program Requirement	HUS 110 Field Experience in Human Services 1	3	2
1.07 - Program Requirement	HUS 130 Death and Dying	3	2
1.08 - Program Requirement	BIO 102 Human Biology	3	2
1.09 - Restricted Elective	Restricted Elective 1 (see 3.02)	3	2
1.10 - Restricted Elective	Restricted Elective 2 (see 3.02)	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.1 - Semester 1	Semester 1 Total Credits	15	1
2.2 - Semester 2	Semester 2 Total Credits	15	2

3 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - Restricted Electives	ART 101, 123, 127, ASL 101, HUS 103, HUS/HED 113, HUS/HED 114, HUS 250, 251, HED 204, 205, HUR 102, MUS 101, 102, PSY 204, THE 101	0	As Listed
3.03 - Note 1	Students may enroll concurrently in the Human Services Degree Program	0	As Applicable
3.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

240: Criminal Justice A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**32**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	2
1.03 - COMMUNICATION ORAL	SPE 108, SPE 109 or HUS 102	3	2
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course (MAT129 or PSY250 Recommended)	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.06 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	3

1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts, World Language course	3	3
1.09 - LAS ELECTIVE	SOC 101 Introductory Sociology	3	2
1.10 - DIVERSITY (DEISJ)	Met by Social Science Requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	SOC 210 Criminology	3	3
1.12 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.02 - Program Requirement	CRJ 113 Introduction to Corrections	3	1
2.03 - Program Requirement	CRJ 110 Criminal Law	3	2
2.04 - Program Requirement	CRJ 112 Policing	3	2
2.05 - Program Requirement	CRJ 111 Criminal Procedure Law	3	3
2.06 - Restricted Elective	Restricted Elective 1 (see 4.04)	3	3
2.07 - Program Requirement	CRJ 205 Administration in Criminal Justice	3	4
2.08 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	4
2.09 - Restricted Elective	Restricted Elective 2 (see 4.04)	3	4
2.10 - General Elective	General Elective 1	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 or CRJ 101 Critical Thinking: CRJ 111 Technological Competency: CRJ 206 Values & Ethics: CRJ 112 or 202	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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	0	Prior to Completion

	college degree or certificate from Genesee Community College.		
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Restricted Electives	CRJ 118/ANT 118, CRJ 119, 122, 123, 125, 202, 209, 222, HUS 101, 113, 116 or PSY 250	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

640G: Criminal Justice A A S Degree Requirements Table - GENERAL CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	PSY104 Introduction to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credits from any HED, PED, ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.02 - Program Requirement	CRJ 113 Introduction to Corrections	3	1
2.03 - Program Requirement	ENG 107 Technical Writing	3	2
2.04 - Program Requirement	SOC 101 Introductory Sociology	3	2
2.05 - Program Requirement	CRJ 110 Criminal Law	3	2
2.06 - Program Requirement	CRJ 112 Policing	3	2
2.07 - Program Requirement	CRJ 111 Criminal Procedure Law	3	3

2.08 - Program Requirement	CRJ 202 Ethics in Criminal Justice	3	3
2.09 - Restricted Elective	Options listed in Item 4.03	3	3
2.10 - Program Requirement	CRJ 205 Administration in Criminal Justice	3	4
2.11 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	4
2.12 - Restricted Elective	Options listed in Item 4.03	3	4
2.13 - Restricted Elective	Options listed in Item 4.03	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101, CRJ 101 Critical Thinking: CRJ 111 Technological Competency: CRJ 206 Values & Ethics: CRJ 112, CRJ 202	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Concentration Requirements	CRJ 118 or ANT 118, CRJ 119, 122, 123, 125, 209, 222, SOC 210, HUS 101, 103, 113, 116, PSY 250, HED 205	0	As Selected
4.04 - 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 Transfer Services in the Student Success Center.	0	Informational Note
4.05 - GPA Requirement	GPA of 2.0 Required for graduation	0	Prior to Completion

920: Criminal Justice Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	ENG 101 College Composition	3	1
1.02 - Program Requirement	CRJ 113 Introduction to Corrections	3	1

1.03 - Program Requirement	PSY101 General Psychology or PSY 104 Intro to Psychology	3	1
1.04 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
1.05 - Program Requirement	CRJ 110 Criminal Law	3	2
1.06 - Program Requirement	CRJ 111 Criminal Procedure Law	3	2
1.07 - Program Requirement	CRJ 205 Administration in Criminal Justice (Spring Only)	3	2
1.08 - Program Requirement	General Elective	3	2
1.09 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	3
1.10 - Program Requirement	SOC 101 Introductory Sociology	3	3
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits (per Note 2)	12	1
2.02 - Semester 2	Semester 2 Total Credits (per Note 2)	12	2
2.03 - Semester 3	Semester 3 Total Credits (per Note 2)	6	3
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - Note 1	This program cannot be completed in one year	0	Informational Note
3.03 - Note 2	Prerequisite requirements as listed with course description in the catalog must be followed, no other course sequence restrictions exist. Please consult the current catalog or an advisor to clarify any questions you may have concerning this.	0	Informational Note
3.04 - Note 3	All of the courses can be applied to an A A S Degree in Criminal Justice	0	Informational Note
3.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

640C: Criminal Justice A A S Degree Requirements Table - CORRECTIONS COUNSELING CONCENTRATION

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	HUS 102 Interpersonal Skills	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	PSY104 Introduction to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credits from any HED, PED, ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.02 - Program Requirement	CRJ 113 Introduction to Corrections	3	1
2.03 - Program Requirement	ENG 107 Technical Writing	3	2
2.04 - Program Requirement	SOC 101 Introductory Sociology	3	2
2.05 - Program Requirement	CRJ 110 Criminal Law	3	2
2.06 - Program Requirement	CRJ 112 Policing	3	2
2.07 - Program Requirement	CRJ 111 Criminal Procedure Law	3	3
2.08 - Program Requirement	CRJ 202 Ethics in Criminal Justice	3	3
2.09 - Concentration Requirement 1	Options listed in 4.03	3	3
2.10 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	4
2.11 - Program Requirement	CRJ 205 Administration in Criminal Justice	3	4
2.12 - Concentration Requirement 2	Options listed in 4.03	3	4
2.13 - Concentration Requirement 3	Options listed in 4.03	3	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	62	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101, CRJ 101 Critical Thinking: CRJ 111 Technological Competency: CRJ 206 Values & Ethics: CRJ 112, CRJ 202	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Concentration Requirements	CRJ 209, HUS 101, 103, 113, 116, 124, 208, PSY 201, 202, 203, SOC 205, or 210	0	As Selected
4.04 - 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 Transfer Services in the Student Success Center.	0	Informational Note
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

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.

640F: Criminal Justice A A S Degree Requirements Table - FORENSICS CONCENTRATION

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	23	As Listed
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1

1.02 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	3
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course (Recommended: MAT121, MAT102, MAT136, MAT140, MAT141)	3	1
1.04 - NATURAL SCIENCE	CHE 100 Introduction to Chemistry	3	2
1.05 - SOCIAL SCIENCE	PSY104 Introduction to Psychology	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credits from any HED, PED, ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**40**	**As Listed**
2.01 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.02 - Concentration Requirement 1	CRJ 125 Introduction to Forensics	3	1
2.03 - Concentration Requirement 2	BIO 102 Human Biology	3	1
2.04 - Program Requirement	ENG 107 Technical Writing	3	2
2.05 - Program Requirement	SOC 101 Introductory Sociology	3	2
2.06 - Program Requirement	CRJ 110 Criminal Law	3	2
2.07 - Program Requirement	CRJ 112 Policing	3	2
2.08 - Program Requirement	CRJ 111 Criminal Procedure Law	3	3
2.09 - Program Requirement	CRJ 202 Ethics in Criminal Justice	3	3
2.10 - Concentration Requirement 3	PHY121 College Physics 1	4	3
2.11 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	4
2.12 - Program Requirement	CRJ 205 Administration in Criminal Justice	3	4
2.13 - Concentration Requirement 4	CRJ 118 Forensic Anthropology	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3

3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101, CRJ 101 Critical Thinking: CRJ 111 Technological Competency: CRJ 125, CRJ 206 Values & Ethics: CRJ 112, CRJ 202	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Concentration Requirements	CRJ 125, BIO 102, CRJ 118, PHY121	0	As Selected
4.04 - 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 Transfer Services in the Student Success Center.	0	Informational Note
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

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.

640H: Criminal Justice A A S Degree Requirements Table - HOMELAND SECURITY CONCENTRATION

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	1

1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credits from any HED, PED, ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.02 - Program Requirement	CRJ 113 Introduction to Corrections	3	1
2.03 - Program Requirement	ENG 107 Technical Writing	3	2
2.04 - Program Requirement	SOC 101 Introductory Sociology	3	2
2.05 - Program Requirement	CRJ 110 Criminal Law	3	2
2.06 - Program Requirement	CRJ 112 Policing	3	2
2.07 - Concentration Requirement 1	CRJ 119 Homeland Security	3	3
2.08 - Program Requirement	CRJ 111 Criminal Procedure Law	3	3
2.09 - Program Requirement	CRJ 202 Ethics in Criminal Justice	3	3
2.10 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	4
2.11 - Concentration Requirement 2	CRJ 122 Emergency Management	3	4
2.12 - Program Requirement	CRJ 205 Administration in Criminal Justice	3	4
2.13 - Concentration Requirement 3	HED 205 Responding to Emergencies	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Infused Competencies	Information Literacy: ENG 101, CRJ 101 Critical Thinking: CRJ 111 Technological Competency: CRJ 206 Values & Ethics: CRJ 112, CRJ 202	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Concentration Requirements	CRJ 119, CRJ 122, HED 205	0	As Selected
4.04 - 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 Transfer Services in the Student Success Center.	0	Informational Note
4.05 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

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 enforces, mediators, counselors, referees, social workers, and public servants.

640P: Criminal Justice A A S Degree Requirements Table - POLICING CONCENTRATION

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	4
1.05 - SOCIAL SCIENCE	PSY104 Introduction to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved History, Engagement, Awareness course	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A

1.09 - HEALTH/PE/ATH	Select 2 credits from any HED, PED, ATH option	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	CRJ 101 Introduction to Criminal Justice	3	1
2.02 - Program Requirement	CRJ 113 Introduction to Corrections	3	1
2.03 - Program Requirement	ENG 107 Technical Writing	3	2
2.04 - Program Requirement	SOC 101 Introductory Sociology	3	2
2.05 - Program Requirement	CRJ 110 Criminal Law	3	2
2.06 - Program Requirement	CRJ 112 Policing	3	2
2.07 - Program Requirement	CRJ 111 Criminal Procedure	3	3
2.08 - Program Requirement	CRJ 202 Ethics in Criminal Justice	3	3
2.09 - Concentration Requirement 1	CRJ 119 Homeland Security	3	3
2.10 - Concentration Requirement 2	CRJ 222 Field Studies in Criminal Justice	3	3
2.11 - Program Requirement	CRJ 205 Administration in Criminal Justice	3	4
2.12 - Program Requirement	CRJ 206 Criminal Investigation: Law and Process	3	4
2.13 - Concentration Requirement 3	CRJ 209 Juvenile Justice	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Infused Competencies	Information Literacy: ENG 101, CRJ 101 Critical Thinking: CRJ 111 Technological Competency: CRJ 206 Values & Ethics: CRJ 112, CRJ 202	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Concentration Requirements	CRJ 119, CRJ 209, CRJ 222	0	As Selected
4.04 - 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 Transfer Services in the Student Success Center.	0	Informational Note
4.05 - GPA Requirement	GPA of 2.0 Required for graduation	0	Prior to Completion

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 Degree Requirements Table

FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	3
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.05 - SOCIAL SCIENCE	POS 105 or POS 108	3	2
1.06 - HISTORY, ENGAGEMENT, AWARENESS	ART 103, 104, GEO 101, 102, HIS 101, 102, 104, 105, 203, 204, 224, 225	3	1
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Art or World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	1
2 - PROGRAM REQUIREMENT	**MET BY**	**40**	**As Listed**
2.01 - Program Requirement	CIS116 Microcomputer Applications	3	1

2.02 - Program Requirement	PLG114 Introduction to Legal Studies	3	1
2.03 - Program Requirement	PLG122 Torts Law	3	1
2.04 - Program Requirement	ACC101 Introduction to Financial Accounting	3	2
2.05 - Program Requirement	PLG116 Commercial Law	3	2
2.06 - Program Requirement	PLG125 Civil Litigation	3	2
2.07 - Program Requirement	PLG201 Legal Research and Writing	4	3
2.08 - Program Requirement	PLG221 Real Estate Law	3	3
2.09 - Liberal Arts Elective	Additional Liberal Arts Elective 1 (per Note 1)	3	3
2.10 - Program Requirement	PLG225 Trusts and Estates	3	4
2.11 - Program Requirement	PLG231 Family Law	3	4
2.12 - Restricted Elective	ACC217 (Fall only), CRJ110, CRJ111, OFT251, PLG253	3	4
2.13 - Liberal Arts Elective	Additional Liberal Arts Elective 2 (per Note 1)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	17	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	Select from: SUNY Approved Social Science, Natural Science, American History, Western Civilizations, World Civilizations, Humanities, Arts, Foreign Language, or Mathematics course.	0	As Selected
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

Rural Police Training Academy

The RPTA offers a yearly Basic Course for Police and Pre-Employments which lasts from early April to the following early March, with classes on Tuesday and Thursday evenings (6:30pm-10:30pm) and Saturdays from 8am-5pm as well as a number of Wednesdays throughout the year. In addition, the RPTA offers various Police In-Service Courses throughout the year, many of which are in cooperation with the New York State Division of Criminal Justice Services.

ITEM	REQUIREMENT	Hours	SEMESTER
1	**PROGRAM REQUIREMENTS**		**As Listed**
1a	**Program Orientation**	4	N/A
1b	**Physical Fitness & Wellness**	83	N/A
1c	**Introduction to Criminal Justice**	16	N/A
1d	**Criminal Law**	14	N/A
1e	**Criminal Investigations: Law & Process**	42	N/A
1f	**Police**	434	N/A
1g	**Emergency Medical Services**	56	N/A
2	**PROGRAM REQUIREMENTS SWORN OFFICERS ONLY**		**As Listed**
2a	**Police Firearms**	57	N/A
2b	**Field Studies**	180	N/A
3	**Hours**	**886**	**Upon Completion**
4	**GENERAL INFORMATION**	**0**	**As Listed**
4a	**Proficiency Requirements:** Physical agility testing is required for enrollment and will be scheduled a few weeks prior to the start of the Academy. physical fitness standards are provided in the application packet. You need to enter the course at the 40th percentile and exit (graduate) at the 50th percentile. It is imperative that you are prepared for the pre-test and we suggest that you practice, exercise and train months in advance of the actual test so that you are successful.	0	Pre-Enrollment
4b	**Two Ways to Enroll: Sworn or Pre-Employment** **Sworn Officer:** Hired prior to enrollment in the RPTA, registered as a Police Officer with DCJS in Albany. Suggested ages 21-35, but check with your County Civil Service Office for details. Full or Part Time Officers accepted, some departments accept Part Time Officers who are over 35 years of age **Pre-Employment Option:** Must be at least 19 years of age to enroll, no maximum age limit. No felony convictions. If you are looking to work in law enforcement, no criminal convictions. Background investigation required. Physically able to participate in all fitness and defensive tactics training	0	Pre-Enrollment
4c	**College Credit Option:** Recruits may choose to participate in the RPTA College Credit Option. Sworn recruits may receive up to 22 college credits primarily in Criminal Justice topics. Pre-Employment recruits may receive up to 16 college credits. No additional fees are required. Enrollment must be completed with the academy application.	0	Pre-Enrollment

ITEM	REQUIREMENT	Hours	SEMESTER
4d	**Uniforms and Equipment:** All recruits wear gray fatigues and the Academy operates in a para-military style. Recruits are responsible for uniforms and certain leather items at an approximate cost of $1,500. Sworn recruits in addition are responsible for leather items, firearm and ammunition at an approximate cost of $2,500.	0	Prior to Completion
4c	**Physical Agility** Score in the 50th percentile is required at completion of Academy	0	At Completion

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 Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**33**	**As Listed**
1.01 - Program Requirement	ENG 101 College Composition	3	1
1.02 - Program Requirement	Select one SUNY approved Mathematics course	3	1
1.03 - Program Requirement	Select one SUNY approved Social Science course	3	1
1.04 - Program Requirement	Select one SUNY approved Western Civilization course	3	1
1.05 - Program Requirement	Select one SUNY approved Arts course	3	1
1.06 - Program Requirement	SPE 108 or 109	3	2
1.07 - Program Requirement	Select one SUNY approved Natura Science course	3	2
1.08 - Program Requirement	Select one SUNY approved US History & Civic Engagement course	3	2
1.09 - Program Requirement	Select one SUNY approved World Civilization course	3	2
1.10 - Program Requirement	Select one SUNY approved Humanities course	3	2
1.11 - Program Requirement	Select one SUNY approved World Language course	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**33**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	18	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

ITEM	REQUIREMENT	CREDITS	SEMESTER
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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: Liberal Arts & Science: General Studies A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**35**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108 or SPE 109	3	3
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	2
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	2
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one SUNY approved US History and Civic Engagement course	3	1
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts course	3	4
1.09 - LAS ELECTIVE	Select one SUNY approved World History and Global Awareness course	3	3
1.10 - DIVERSITY (DEISJ)	Select one SUNY approved DEISJ course	3	4
1.11 - SUNY GEN ED SELECTION	Not required due to standalone DEISJ course	0	N/A
1.12 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	4

2 - PROGRAM REQUIREMENT	MET BY	27	As Listed
2.01 - Program Requirement	FYE 100 or CEP 101	3	1
2.02 - Program Requirement	Select one SUNY approved World Language course (per Note 1)	3	1
2.03 – Ethics & Values Elective	Select one General Elective which fulfills Value & Ethics (per Note 2)	3	2
2.04 - General Elective	General Elective 1	3	2
2.05 - General Elective	General Elective 2	3	3
2.06 - General Elective	General Elective 3	3	3
2.07 - General Elective	General Elective 4	3	3
2.08 - General Elective	General Elective 5	3	4
2.09- General Elective	General Elective 6	3	4
2.10- General Elective	General Elective 7	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	17	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105 Technological Competency: SPE 108 or 109 Values & Ethics: General Elective	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Note 1	For students having obtained an 85 or higher on the Regents B exam or on a regional exam aligned with the former regents at Checkpoint B have met this requirement and may select an additional 3-credit Select one SUNY Approved General Education Course	0	Informational Note
4.04 - Note 2	Students who have met Values & Ethics should choose an additional general elective based on their	0	Informational Note

	major and transfer institution and should seek advisement.		
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

201G: Liberal Arts and Sciences Humanities Social Science A A Degree Requirements Table ENGLISH CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**47**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	4
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	SOC 101 Introduction to Sociology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 – LAS ELECTIVE 1	HIS 101 World Civilizations 1 or HIS 102 World Civilizations 2	3	3
1.10 - LAS ELECTIVE 2	Select one SUNY approved Liberal Arts course	3	3
1.11 - LAS ELECTIVE 3	Select one SUNY approved Arts course	3	1
1.12 - LAS ELECTIVE 4	Select one SUNY approved World Language course 1	3	1
1.13 - LAS ELECTIVE 5	Select one SUNY approved World Language course 2 (consecutive with selection for course 1)	3	2
1.14 - DIVERSITY (DEISJ)	PSY 104 Introduction to Psychology	3	3
1.15 - SUNY GEN ED SELECTION	LIT 201 Intro to Literature or LIT 214/THE 212 Play Analysis (per Note 1)	3	2
1.16 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**15**	**As Listed**
2.01 - Program Requirement	ENG 214 Introduction to Creative Writing	3	2
2.02 - Program Requirement	LIT 211 Short Story	3	3
2.03 - General Elective	LIT 203 Children's Literature	3	4

2.04 - General Elective	General Elective 1	3	4
2.05 - General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105 Technological Competency: SPE 108, 109 or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Electives	Electives for this program should be selected with the transfer institution and program of interest in mind. Recommendations include: LIT 212, 215, 216, 217, or 218. For additional assistance with course selection, Transfer Services (Records) in the Student Success Center.	0	As Appropriate
4.04 - Note 1	These courses are concentration requirements that meet Liberal Arts & Science Elective requirements for Associate of Arts degrees under the Genesee Community College Local General Education Requirements.	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

201L: Liberal Arts and Sciences Humanities Social Science A A Degree Requirements Table SOCIOLOGY CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**47**	**As Listed**

1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS102	3	4
1.04 - MATHEMATICS	MAT 129 or PSY 250	3	4
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	SOC 101 Introduction to Sociology (per Note 1)	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 – LAS ELECTIVE 1	HIS 101 World Civilizations 1 or HIS 102 World Civilizations 2	3	3
1.10 – LAS ELECTIVE 2	Select one SUNY approved Liberal Arts course	3	3
1.11 – LAS ELECTIVE 3	Select one SUNY approved Arts course	3	1
1.12 - LAS ELECTIVE 4	Select one SUNY approved World Language course 1	3	1
1.13 – LAS ELECTIVE 5	Select one SUNY Approved World Language course 2 (consecutive with selection for course 1)	3	2
1.14 - DIVERSITY (DEISJ)	PSY 104 Introduction to Psychology	3	2
1.15 - SUNY GEN ED SELECTION	Select one SUNY approved Social Science course	3	1
1.16 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**15**	**As Listed**
2.01 - Program Requirement	SOC 102 Social Problems	3	2
2.02 - Program Requirement	SOC 210 Criminology	3	3
2.03 - General Elective	General Elective 1	3	3
2.04 - Program Requirement	SOC 205 Human Diversity	3	4
2.05 - General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 Technological Competency: SPE 108, 109 or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	These courses are concentration requirements that meet Liberal Arts & Science Elective requirements for Associate of Arts degrees under the Genesee Community College Local General Education Requirements.	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

201M: Liberal Arts and Sciences Humanities Social Science A A Degree Requirements Table ECONOMICS CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**47**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, or 107	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	4
1.04 - MATHEMATICS	MAT 129 or PSY 250	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	SOC 101 Introduction to Sociology	3	2
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 – LAS ELECTIVE 1	HIS 101 World Civilizations 1 or HIS 102 World Civilizations 2	3	3
1.10 - LAS ELECTIVE 2	Select one SUNY approved Liberal Arts course	3	3
1.11 - LAS ELECTIVE 3	Select one SUNY approved Arts course	3	1
1.12 - LAS ELECTIVE 4	Select one SUNY Approved World Language course 1	3	1

1.13 - LAS ELECTIVE 5	Select one SUNY Approved World Language course 2 (consecutive with selection for course 1)	3	2
1.14 - DIVERSITY (DEISJ)	PSY 104 Introduction to Psychology	3	3
1.15 - SUNY GEN ED SELECTION	ECO 101 Microeconomics (per Note 1)	3	1
1.16 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**15**	**As Listed**
2.01 - Program Requirement	ECO105 Macroeconomics	3	2
2.02 - Program Requirement	MAT140 Pre-calculus or MAT 141 Calculus 1	3	3
2.03 - Program Requirement	Select one SUNY approved Liberal Arts course	3	4
2.04 - General Elective	General Elective 1	3	4
2.05 - General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102, 105 or 107 Technological Competency: SPE 108, 109 or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	These courses are concentration requirements that meet Liberal Arts & Science Elective requirements for Associate of Arts degrees under the Genesee Community College Local General Education Requirements.	0	As Applicable

4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

201N: Liberal Arts and Sciences Humanities Social Science A A Degree Requirements Table SPANISH CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**47**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	4
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	SOC 101 Introduction to Sociology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2 (per Note 1)	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 – LAS ELECTIVE 1	HIS 101 World Civilizations 1 or HIS 102 World Civilizations 2 (per Note 1)	3	3
1.10 - LAS ELECTIVE 2	Select one SUNY approved Liberal Arts course	3	2
1.11 - LAS ELECTIVE 3	Select one SUNY approved Arts course	3	2
1.12 - LAS ELECTIVE 4	SPA 101 Elementary Spanish 1 (per Note 1)	3	1
1.13 - LAS ELECTIVE 5	SPA 102 Elementary Spanish 2 (per Note 1)	3	2
1.14 - DIVERSITY (DEISJ)	PSY 104 Introduction to Psychology	3	3
1.15 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	1
1.16 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**15**	**As Listed**
2.01 - Program Requirement	SPA 201 Intermediate Spanish 1	3	3
2.02 - General Elective	General Elective 1	3	3
2.03 - Program Requirement	SPA 202 Intermediate Spanish 2	3	4
2.04 - General Elective	General Elective 2	3	4
2.05 - General Elective	General Elective 3	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**

3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105 Technological Competency: SPE 108, 109 or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	These courses are concentration requirements that meet Liberal Arts & Science Elective requirements for Associate of Arts degrees under the Genesee Community College Local General Education Requirements.	0	As Applicable
4.05 - Note 2	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.	0	As Applicable
4.06 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

201P: Liberal Arts and Sciences Humanities Social Science A A Degree Requirements Table PSYCHOLOGY CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**47**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	4

1.04 - MATHEMATICS	PSY 250 Statistics for the Social Sciences (per Note 1)	3	2
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	SOC 101 Introduction to Sociology	3	2
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 – LAS ELECTIVE 1	HIS 101 World Civilizations 1 or HIS 102 World Civilizations 2	3	3
1.10 - LAS ELECTIVE 2	Select one SUNY approved Liberal Arts course	3	3
1.11 - LAS ELECTIVE 3	Select one SUNY approved Arts course	3	1
1.12 - LAS ELECTIVE 4	Select one SUNY approved World Language course 1	3	1
1.13 - LAS ELECTIVE 5	Select one SUNY Approved World Language course 2 (consecutive with selection for course 1)	3	2
1.14 - DIVERSITY (DEISJ)	PSY 104 Introduction to Psychology (per Note 1)	3	1
1.15 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	1
1.16 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**15**	**As Listed**
2.01 - Program Requirement	PSY 210 Child Development or PSY 211 Adolescent Development	3	3
2.02 - General Elective	General Elective 1	3	3
2.03 - Program Requirement	PSY 201 Social Psychology or PSY 202 Abnormal Psychology	3	4
2.04 - Program Requirement	PSY 203 Dev Psych Across Lifespan	3	4
2.05 - General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**

4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 Technological Competency: SPE 108, 109 or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	These courses are concentration requirements that meet Liberal Arts & Science Elective requirements for Associate of Arts degrees under the Genesee Community College Local General Education Requirements.	0	As Applicable
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

201T: Liberal Arts and Sciences Humanities Social Science A A Degree Requirements Table HISTORY CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**47**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	4
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	3
1.06 - SOCIAL SCIENCE	SOC 101 Introduction to Sociology	3	1
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2 (per Note 1)	3	2
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities course	3	4
1.09 – LAS ELECTIVE 1	HIS 101 World Civilizations 1 or HIS 102 World Civilizations 2 (per Note 1)	3	3
1.10 - LAS ELECTIVE 2	Select one SUNY approved Liberal Arts course	3	3
1.11 - LAS ELECTIVE 3	Select one SUNY approved Arts course	3	2
1.12 - LAS ELECTIVE 4	Select one SUNY approved World Language course 1	3	1

1.13 - LAS ELECTIVE 5	Select one SUNY Approved World Language course 2 (consecutive with selection for course 1)	3	2
1.14 - DIVERSITY (DEISJ)	PSY 104 Introduction to Psychology	3	2
1.15 - SUNY GEN ED SELECTION	HIS 203 US History I or HIS 204 US History II (per Note 1)	3	3
1.16 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**15**	**As Listed**
2.01 - Program Requirement	GEO 102 Human Geography	3	1
2.02 - Program Requirement	HIS 104 Western Tradition 1 or HIS 105 Western Tradition 2	3	3
2.03 - Program Requirement	Select one SUNY approved World History and Global Awareness course	3	4
2.04 - General Elective	General Elective 1	3	4
2.05 - General Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**62**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or 105 Technological Competency: SPE 108, 109 or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - 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 Transfer Services in the Student Success Center.	0	As Appropriate
4.04 - Note 1	These courses are concentration requirements that meet Liberal Arts & Science Elective requirements for Associate of Arts degrees under the Genesee	0	As Applicable

	Community College Local General Education Requirements.		
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Prior to Completion

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.

455I: Individualized Studies A A S Degree Requirements Table
INDIVIDUALIZED CAREER CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**24**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, 107, HUR 101, HUS 102, SPE 102, 108 or 109	3	2
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	1
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	1
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	3
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 3 credit from any HED, PED or ATH option	3	2
2 - PROGRAM REQUIREMENT	**MET BY**	**36**	**As Listed**
2.01 - Program Requirement	Computer Science - CIS102 Introduction to Computers or CIS 116 Microcomputer applications	3	1
2.02 - Program Requirement	Career Concentration 1 -	3	2
2.03 - Program Requirement	Career Concentration 2 -	3	2
2.04 - General Elective	General Elective 1 -	3	2
2.05 - Program Requirement	Career Concentration 3 -	3	3
2.06 - Program Requirement	Career Concentration 4 -	3	3
2.07 - General Elective	General Elective 2 -	3	3
2.08 - Program Requirement	Career Concentration 5 -	3	4
2.09 - Program Requirement	Career Concentration 6 -	3	4
2.10 - Program Requirement	Career Concentration 7-	3	4
2.11 - General Elective	General Elective 3 -	3	4

2.12 - General Elective	General Elective 4 -	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**60**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	Career courses should be chosen based on individual educational goals. The plan can be intro- or interdisciplinary and should be approved by an Academic Dean. The number of courses required to complete career concentration and/or general electives may vary based on credits earned per course. An approved individualized studies plan must accompany a major change form.	0	Prior to Completion
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

Individualized Studies (A.A.S.): Solar Electric Technician

455P: Individualized Studies A A S Degree Requirements Table - SOLAR ELECTRIC TECHNICIAN CONCENTRATION
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**24**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	2
1.02 - COMMUNICATION W2	ENG 102, 105, 107, HUR 101, HUS 102, SPE 102, 108 or 109	3	3
1.03 - MATHEMATICS	Select one SUNY approved Mathematics course	3	2
1.04 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	2
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	3

1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language course	3	3
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 3 credit from any HED, PED or ATH option	3	3
2 - PROGRAM REQUIREMENT	**MET BY**	**36**	**As Listed**
2.01 - Program Requirement	Career Concentration 1 - PVO 101 Intro to Solar Electric	4	1
2.02 - Program Requirement	Career Concentration 2 - PVO 102 Solar Design & Installation	4	1
2.03 - Program Requirement	Career Concentration 3 – PVO 103 Solar Codes & Standards	4	1
2.04 - Program Requirement	Career Concentration 4 – PVO 104 Solar Business & Finance	3	1
2.05 - Program Requirement	Computer Science - CIS102 Introduction to Computers or CIS 116 Microcomputer applications	3	2
2.06 - General Elective	General Elective 1 -	3	2
2.07 - Program Requirement	Career Concentration 5 - COE 214 Co-Op or BUS 217	3	3
2.08 - Program Requirement	Career Concentration 6 - BUS 106 Business Communications	3	4
2.09 - General Elective	General Elective 2 -	3	4
2.10 - General Elective	General Elective 3 -	3	4
2.11 - General Elective	General Elective 4 -	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**60**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	Career courses should be chosen based on individual educational goals. The plan can be intro- or interdisciplinary and should be approved by an	0	Prior to Completion

ITEM	REQUIREMENT	CREDITS	SEMESTER
	Academic Dean. The number of courses required to complete career concentration and/or general electives may vary based on credits earned per course. An approved individualized studies plan must accompany a major change form.		
4.03 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

8100: Solar Electric Technician Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	MET BY	15	As Listed
1.01 - Program Requirement	PVO 101 Intro to Solar Electric	4	1
1.02 - Program Requirement	PVO 102 Solar Design & Installation	4	1
1.03 - Program Requirement	PVO 103 Solar Codes & Standards	4	2
1.04 - Program Requirement	PVO 104 Solar Business and Finance	3	2
2 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	15	Upon Completion
2.01 - Semester 1	Semester 1 Total Credits	8	1
2.02 – Semester 2	Semester 2 Total Credits	7	2
3 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

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.

226B: Natural Science A S Degree Requirements Table - BIOLOGY CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS

FALL 2022 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	34	As Listed
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	2
1.03 - COMMUNICATION ORAL	SPE103, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 129 Statistics (per Note 1)	3	3
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1 or CHE 103 and 103L	4	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts	3	3
1.09 - LAS ELECTIVE	CHE 102 General Chemistry 2 or CHE 104 and 104L	4	2
1.10 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course	3	4
1.11 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	MET BY	30	As Listed
2.01 - Program Requirement	BIO115 General Biology 1 or BIO 125 and 125L	4	1
2.02 - Program Requirement	MAT 140 Pre-calculus	4	1
2.03 - Program Requirement	BIO116 General Biology 2 or BIO 126 and 126L	4	2
2.04 - Program Requirement	MAT 141 Calculus 1	4	2
2.05 - Program Requirement	CHE 201, PHY 121 or PHY 131	4	3
2.06 - Program Requirement	BIO 205 Genetics	4	3
2.07 - Program Requirement	CHE 202, PHY 122 or PHY 132	4	4
2.08 - Program Requirement	General or Restricted Elective	2	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	64	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	17	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - 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.	0	As Appropriate
4.03 – Restricted Electives	BIO 111, BIO 115, BIO 116, BIO 152, BIO 153, BIO 201, BIO 206, BIO 205, BIO 208, BIO 211, CHE 201, CHE 202, CIS 116, CIS 125, CIS 127 CIS 219, EGR 100, EGR 235, EGR 236, MAT 129, MAT 140, MAT 141, MAT 142, MAT 245, MAT 247, MAT 255, MAT 246, PHY 121 or PHY 131, PHY 122 or PHY 132, PHY 133	0	As Appropriate
4.04 - Note 1	Course meets concentration and Local General Education Plan Requirement	0	Informational Note
4.05 – Note 2	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 approved general education elective.	0	As Applicable
4.06 – Note 3	Students who select restricted electives with higher credits may complete up to 35 program credits.	0	Informational Note
4.07 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

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 b e 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.

226C: Natural Sciences A S Degree Requirements Table - CHEMISTRY CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS

FALL 2022 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	35	As Listed
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	3
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	4
1.03 - COMMUNICATION ORAL	SPE103, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 141 Calculus 1 (per Note 1)	4	1
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1 or CHE 103 and 103L	4	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts	3	3
1.09 - LAS ELECTIVE	CHE 102 General Chemistry 2 or CHE 104 and 104L	4	2
1.10 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course	3	3
1.11 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	MET BY	29	As Listed
2.01 - Program Requirement	PHY 131 Physics with Calculus 1	4	1
2.02 – General/Restricted Elective	General or Restricted Elective 1	3	1

2.03 - Program Requirement	PHY 132 Physics with Calculus 2	4	2
2.04 - General/Restricted Elective	General or Restricted Elective 2	3	2
2.05 - Program Requirement	MAT 142 Calculus 2	4	2
2.06 - Program Requirement	CHE 201 Organic Chemistry 1	4	3
2.07 - Program Requirement	CHE 202 Organic Chemistry 2	4	4
2.08 - General/Restricted Elective	General or Restricted Elective 3	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	17	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - 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.	0	As Appropriate
4.03 – Restricted Electives	BIO111, BIO115, BIO116, BIO152, BIO153, BIO201 or BIO206, BIO205, BIO208, 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	0	As Appropriate
4.04 - Note 1	Course meets concentration and Local General Education Plan Requirement	0	Informational Note
4.05 – Note 2	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	0	As Applicable

	or an additional 3-credit SUNY approved general education elective.		
4.06 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

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.

226E: Natural Science A S Degree Requirements Table

ENVIRONMENTAL BIOLOGY CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS
FALL 2022 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**34**	**As Listed**
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	2
1.03 - COMMUNICATION ORAL	SPE103, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 129 Statistics (per Note 1)	3	2
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1 or CHE 103 and 103L	4	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts	3	3
1.09 - LAS ELECTIVE	CHE 102 General Chemistry 2 or CHE 104 and 104L	4	2
1.10 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course (per Note 2)	3	3
1.11 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**

2.01 - Program Requirement	BIO115 General Biology 1 or BIO 125 and 125L	4	1
2.02 - Program Requirement	MAT 140 Pre-calculus	4	1
2.03 - Program Requirement	BIO116 General Biology 2 or BIO 126 and 126L	4	2
2.04 - Program Requirement	CHE 201 Organic Chemistry 1	4	3
2.05 - Program Requirement	MAT 141 Calculus 1	4	3
2.06 - Program Requirement	BIO 205 Genetics	4	4
2.07 - Program Requirement	BIO 111 or 208 Ecology	4	4
2.08 – General/Restricted Elective	General or Restricted Elective	2	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - 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.	0	As Appropriate
4.03 – 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	0	As Appropriate
4.04 - Note 1	Course meets concentration and Local General Education Plan Requirement	0	Informational Note

4.05 – Note 2	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 approved general education elective.	0	As Applicable
4.06 – Note 3	Students who select restricted electives with higher credits may complete up to 35 program credits.	0	Information al Note
4.07 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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.

226P: Natural Science A S Degree Requirements Table

PHYSICS CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS
FALL 2022 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**33**	**As Listed**
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	2
1.03 - COMMUNICATION ORAL	SPE103, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 141 (per Note 1)	4	2
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1 or CHE 103 and 103L	4	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts	3	3
1.09 - LAS ELECTIVE	CHE 102 General Chemistry 2 or CHE 104 and 104L	4	2
1.10 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course (per Note 2)	3	3

1.11 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	0	N/A
2 - PROGRAM REQUIREMENT	**MET BY**	**31**	**As Listed**
2.01 - Program Requirement	PHY 131 Physics with Calculus 1	4	1
2.02 - Program Requirement	PHY 132 Physics with Calculus 2	4	1
2.03 - Program Requirement	PHY 133 Physics with Calculus 3	4	2
2.04 - Program Requirement	MAT 142 Calculus 2	4	3
2.05 - Program Requirement	MAT 245 Calculus 3	4	3
2.06 - Program Requirement	MAT255 Differential Equations	4	4
2.07 - Program Requirement	MAT 246 Linear Algebra	4	4
2.08 – General/Restricted Elective	CIS 127 Computing in Math, Science and Engineering	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - 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.	0	As Appropriate
4.03 – Restricted Electives	BIO111, BIO115, BIO116, BIO125/125L, BIO126/126L, BIO152, BIO153, BIO201 or BIO206, BIO205, BIO208, BIO211, CHE201, CHE202, CIS116, CIS125, CIS 127 CIS219, EGR 100, EGR235, EGR236, MAT129, MAT 140, MAT141,	0	As Appropriate

ITEM	REQUIREMENT	CREDITS	SEMESTER
	MAT142, MAT245, MAT247, MAT255, MAT 246, PHY121 or PHY131, PHY122 or PHY132, PHY133		
4.04 - Note 1	Course meets concentration and Local General Education Plan Requirement	0	Informational Note
4.05 – Note 2	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 approved general education elective.	0	As Applicable
4.06 – Note 3	Students who select restricted electives with higher credits may complete up to 35 program credits.	0	Informational Note
4.07 - GPA Requirement	GPA of 2.0 Required for graduation	0	Upon Completion

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.

226I: Natural Science A S Degree Requirements Table

FLEXIBLE STEM CONCENTRATION - NO LONGER ACCEPTING NEW STUDENTS
FALL 2022 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**35**	**As Listed**
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	3
1.02 - COMMUNICATION W 2	ENG 102 Composition in the Natural and Social Sciences	3	4
1.03 - COMMUNICATION ORAL	SPE103, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 140, 141, 142 (per Note 1)	4	1
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1 or CHE 103 and 103L	4	1
1.06 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4

1.08 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities or Arts	3	3
1.09 - LAS ELECTIVE	CHE 102 General Chemistry 2 or CHE 104 and 104L	4	2
1.10 - SUNY GEN ED SELECTION	Select one SUNY approved World Language course (per Note 2)	3	3
1.11 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**29**	**As Listed**
2.01 - Program Requirement	PHY 121, PHY 131, BIO 115, or CHE 201	4	1
2.02 - Program Requirement	Restricted Elective 4	3	1
2.03 - Program Requirement	PHY 122, PHY 132, BIO 116, or CHE 202	4	2
2.04 - Program Requirement	Restricted Elective 2	4	2
2.05 - Program Requirement	Restricted Elective 3	4	2
2.06 - Program Requirement	General Elective 1	3	3
2.07 - Program Requirement	Restricted Elective 1	4	4
2.08 – General/Restricted Elective	General Elective 2	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	18	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion

4.02 - 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.	0	As Appropriate
4.03 – Restricted Electives	BIO111, BIO115, BIO116, BIO125/125L, BIO126/126L, BIO152, BIO153, BIO201 or BIO206, BIO205, BIO208, 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	0	As Appropriate
4.04 - Note 1	Course meets concentration and Local General Education Plan Requirement	0	Informational Note
4.05 – Note 2	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 approved general education elective.	0	As Applicable
4.06 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**22**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 102, 105, 107, SPE 108, 109, HUR 101 or HUS 102	3	2
1.03 - MATHEMATICS	Proficiency Only (Procedure 321)	0	N/A
1.04 - NATURAL SCIENCE	BIO 102 Human Biology	3	2
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved Humanities, Arts or World Language (per Note 1)	3	4
1.08 - LAS ELECTIVE	Select one SUNY approved Liberal Arts & Science course	3	3

1.09 - HEALTH/PE/ATH	Select 1 credit from any HED, PED or ATH option	1	1
2 - PROGRAM REQUIREMENT	**MET BY**	**42**	**As Listed**
2.01 - Program Requirement	OFT 101 Keyboarding	3	1
2.02 - Program Requirement	OFT 116 Medical Terminology	3	1
2.03 - Program Requirement	OFT 150 Introduction to Health Insurance	3	1
2.04 - Program Requirement	CIS 116 Microcomputer Applications	3	2
2.05 - Program Requirement	OFT 102 Intermediate Keyboarding	3	2
2.06 - Program Requirement	OFT 155 Medical Coding 1	3	2
2.07 - Program Requirement	ACC 101 Introduction to Financial Accounting or ACC 106 Basic Accounting Practices	3	3
2.08 - Program Requirement	BUS 106 Business Communications	3	3
2.09 - Program Requirement	BUS 214 Organizational Behavior	3	3
2.10 - Program Requirement	OFT 135 Medical Forms and Billing	3	3
2.11 - Program Requirement	OFT 255 Medical Coding 2	3	3
2.12 - Program Requirement	BUS 217 Co-op Education	3	4
2.13 - Program Requirement	OFT 210 Medical Transcription (Spring Only)	3	4
2.14 - Program Requirement	OFT 244 Medical Office Systems (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**64**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	16	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	18	3
3.4 - Semester 4	Semester 4 Total Credits	15	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Note 1	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 requirement and may select a language or an additional 3 credit SUNY General Education Elective	0	As Selected

4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	BIO 102 Human Biology	3	1
1.02 - Program Requirement	OFT 101 Keyboarding	3	1
1.03 - Program Requirement	OFT 150 Introduction to Health Insurance	3	1
1.04 - Program Requirement	OFT 116 Medical Terminology	3	1
1.05 - Program Requirement	OFT 135 Medical Forms & Billing	3	1
1.06 - Program Requirement	BUS 217 Cooperative Education	3	2
1.07 - Program Requirement	CIS 116 Microcomputer Applications	3	2
1.08 - Program Requirement	OFT 102 Intermediate Keyboarding	3	2
1.09 - Program Requirement	OFT 210 Medical Transcription	3	2
1.10 - Program Requirement	OFT 244 Medical Office Systems	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

_005: Medical Office Assistant Micro-Credential
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 - PROGRAM REQUIREMENT	**MET BY**	**9**	**As Listed**
1.01 - Program Requirement	OFT 116 Medical Terminology	3	1
1.02 - Program Requirement	OFT 135 Medical Forms and Billing	3	1
1.03 - Program Requirement	OFT 244 Medical Office Procedures	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR MICRO-CREDENTIAL**	**9**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	6	1
2.02 - Semester 2	Semester 2 Total Credits	3	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Note 1	Completion time is dependent upon course offerings each semester.	0	As Appropriate
3.02 - Note 2	When completed, credit bearing Micro-Credentials are displayed on a student's academic transcript and a digital badge is awarded.	0	Upon Completion

Science and Technology

Biology (A.S.)
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? Do you have an interest in the world around you and how it works? The associate degree in Biology is a great fit for you. Genesee's biology classes open the natural world to you by revealing the intricacies of life, from the cellular level in a laboratory to the complex community and ecosystem levels in the campus woods, to high-tech science laboratories around the world. With a concentration in Biology, you will have a working knowledge of how life works and the skills and techniques necessary to conduct laboratory research. Genesee's excellent science and math professors are with you every step of the way, to help you perform real time experiments, think critically, and solve problems.
In this program you will take courses in biology, chemistry, and math while fulfilling your general education requirements. The program will seamlessly transfer to most SUNY institutions and private schools.

2270: BIOLOGY A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**32**	**As Listed**
1.01 - COMMUNICATION W 1	ENG101 College Composition	3	1

1.02 - COMMUNICATION W 2	ENG 107 Technical Writing	3	2
1.03 - COMMUNICATION ORAL	SPE102, 108, or 109	3	3
1.04 - MATHEMATICS	MAT 129 Statistics	3	3
1.05 - NATURAL SCIENCE	CHE 103 General Chemistry 1 (per Note 1)	3	1
1.06 - SOCIAL SCIENCE	**Select one SUNY approved Social Science course**	3	3
1.07 - HISTORY, ENGAGEMENT, AWARENESS	GEO 102, POS 108, MUS 204	3	4
1.08 - HUMANITIES, ARTS, LANG	**Select one SUNY approved Humanities, Arts, or World Language**	3	3
1.09 - LAS ELECTIVE	CHE 104 General Chemistry 2 (per Note 1)	3	2
1.10 - DIVERSITY (DEISJ)	Met by History, Engagement and Awareness requirement	0	4
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved General Education course	3	4
1.12 - HEALTH/PE/ATH	Select any 2 HED/PED/ATH credits	2	4
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	BIO 125 General Biology 1	3	1
2.02 - Program Requirement	BIO 125L General Biology 1 Lab	1	1
2.03 - Program Requirement	CHE 103L General Chemistry 1 Lab	1	1
2.04 - Program Requirement	CHE 104L General Chemistry 2 Lab	1	2
2.05 - Program Requirement	MAT 140 Pre-calculus	4	1
2.06 - Program Requirement	BIO 126 General Biology 2	3	2
2.07 - Program Requirement	BIO 126L General Biology 2 Lab	1	2
2.08 - Program Requirement	MAT 141 Calculus 1	4	2
2.09 - Restricted Elective	Restricted Elective 1	4	3
2.10 - Program Requirement	BIO 205 Genetics	4	4
2.11 - Restricted Elective	Restricted Elective 2	4	4

3 - SEMESTER	TOTAL CREDITS REQUIRED FOR DEGREE	62	Upon Completion
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 107 Technological Competency: BIO 125 Values & Ethics: BIO 205	0	Upon Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Restricted Electives	Restricted Electives should be selected with the transfer institution in mind. Select two courses: BIO 152, 153, 201, 208, CHE 201, 202, PHY 121, 122, 131, 132 or MAT 142, 245, 247 or 255	0	As Appropriate
4.04 - Note 1	Course meets core program and Local General Education Plan Requirements	0	Informational Note
4.05 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	MET BY	24	As Listed
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W2	ENG 106 or 107 Technical Writing	3	2

1.03 - MATHEMATICS	MAT121, 122, 136, 140, 141 or 142	3	1
1.04 - NATURAL SCIENCE	PHY 121 or 122	4	3
1.05 - SOCIAL SCIENCE	Select one SUNY approved Social Science course	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, 102, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	PHO 103 or 118	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select any 1 HED/PED/ATH credit	1	2
1.10 - HEALTH/PE/ATH	Select any 1 HED/PED/ATH credit	1	4
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Program Requirement	EGR 101 Engineering Drawing 1 (Fall Only)	3	1
2.02 - Program Requirement	EGR 108 Manufacturing Processes (Fall Only)	3	1
2.03 - Program Requirement	EGR 118 Computer Assisted Drafting1 (Fall Only)	3	1
2.04 - Program Requirement	EGR 102 Engineering Drawing 2 (Spring Only)	3	2
2.05 - Program Requirement	EGR 103 Architectural Drawing (Spring Only)	3	2
2.06 - Program Requirement	EGR 119 Computer Assisted Drafting 2 (Spring Only)	3	2
2.07 - Program Requirement	MAT 121, 122, 136, 140, 141 or 142	3	2
2.08 - Program Requirement	EGR 105 Engineering Design Graphics 1 (Fall Only)	3	3
2.09 - Program Requirement	EGR 220 3-D Solids and Modeling (Fall Only)	3	3
2.10 - Program Requirement	COE 214 Cooperative or Internship Experiences or BUS 217 Cooperative Education	3	3
2.11 - Restricted Elective	Select one from ART 207, 209, 210, any CHE, CIS (except 102), CSN, EGR, PHY, or MAT (except 108, 116 or 117) course.	3	3
2.12 - Program Requirement	EGR 117 Engineering Blueprint Reading (Spring Only)	3	4
2.13 - Program Requirement	EGR 215 Commercial Building with REVIT (Spring Only)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	16	3
3.4 - Semester 4	Semester 4 Total Credits	16	4

4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

953: Computerized Drafting & Design Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	MAT 121 Technical Math 1	3	1
1.02 - Program Requirement	Select one SUNY approved Social Science course	3	1
1.03 - Program Requirement	EGR 101 Engineering Drawing 1 (Fall Only)	3	1
1.04 - Program Requirement	EGR 108 Manufacturing Processes (Fall Only)	3	1
1.05 - Program Requirement	EGR 118 Computer Assisted Drafting 1 (Fall Only)	3	1
1.06 - Program Requirement	EGR 102 Engineering Drawing 2 (Spring Only)	3	2
1.07 - Program Requirement	EGR 103 Architectural Drawing (Spring Only)	3	2
1.08 - Program Requirement	EGR 119 Computer Assisted Drafting 2 (Spring Only)	3	2
1.09 - Program Requirement	EGR 117 Engineering Blueprint Reading (Spring Only)	3	2
1.10 - Program Requirement	COE 214 Cooperative or Internship Experience or BUS 217 Cooperative Education	3	2
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	15	1
2.02 - Semester 2	Semester 2 Total Credits	15	2
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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	0	Prior to Completion

	college degree or certificate from Genesee Community College.		
3.02 - Note 1	All courses can be applied to an AAS Degree in Drafting	0	Upon Completion
3.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

Engineering Science (A.S.) (not accepting new students)
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 Degree Requirements Table
FALL 2023 to CURRENT – **NO LONGER ACCEPTING NEW STUDENTS**

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**25**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 103, 108, or 109	3	2
1.04 - MATHEMATICS	MAT 141 Calculus 1 (Per note 1)	4	1
1.05 - NATURAL SCIENCE	CHE 101 General Chemistry 1	4	1
1.06 - SOCIAL SCIENCE	Select any SUNY approved Social Science course	3	4
1.07 - HISTORY, ENGAGEMENT, AWARENESS	Select one GEO 101, HIS 101, HIS 102, HIS 104, HIS 105, HIS 203, HIS 204, HIS 224, HIS 225	3	4
1.08 - HUMANITIES, ARTS, LANG	Waived	0	N/A
1.09 - LAS ELECTIVE	Waived	0	N/A
1.10 - SUNY GEN ED SELECTION	Waived	0	N/A
1.11 - HEALTH/PE/ATH	Select any 2 credits from HED, PED or ATH option	2	2
2 - PROGRAM REQUIREMENT	**MET BY**	**43**	**As Listed**

2.01 - Program Requirement	PHY 131 General Physics 1 (Fall only)	4	1
2.02 – Program Requirement	EGR 100 Introduction to Engineering	3	1
2.03 - Program Requirement	MAT 142 Calculus 2	4	2
2.04 - Program Requirement	PHY 132 General Physics 2 (Spring only)	4	2
2.05 - Program Requirement	MAT 245 Calculus 3 (Fall only)	4	3
2.06 - Program Requirement	CIS 127 Computing in Math, Science, and Engineering (Fall only)	3	3
2.07 - Program Requirement	EGR 235 Engineering Mechanics 1: Statics (Fall only)	3	3
2.08 - Program Requirement	EGR 245 Circuit Analysis (Fall only)	4	3
2.09 – Restricted Elective	Select one CHE 102, CHE 201, CHE 202, PHY 133, EGR 118	4	3
2.10 - Program Requirement	EGR 236 Engineering Mechanics 2: Dynamics (Spring only)	3	4
2.11 – Program Requirement	EGR 255 Mechanics of Solids (Spring only)	3	4
2.12 – Program Requirement	MAT 255 Differential Equations (Spring only)	4	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**68**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	18	1
3.2 - Semester 2	Semester 2 Total Credits	16	2
3.3 - Semester 3	Semester 3 Total Credits	18	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Acceptance	To be accepted into the Engineering Science program, a student must meet the prerequisites for MAT 141 Calculus 1.	0	Prior to Acceptance
4.03 - Note 1	This course meets both a Local General Education requirement and a program specific requirement.	0	Upon Completion
4.04 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

Food Processing Technology (A.A.S.) (not accepting new students)

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 Degree Requirements Table
FALL 2021 to CURRENT – **NO LONGER ACCEPTING NEW STUDENTS**

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**23**	**As Listed**
1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION ORAL	ENG 102 or ENG106	3	2
1.03 - MATHEMATICS	MAT 129 Statistics	3	2
1.04 - NATURAL SCIENCE	PHY 100 How Things Work	3	3
1.05 - SOCIAL SCIENCE	ECO101 Microeconomics	3	4
1.06 - HISTORY, ENGAGEMENT, AWARENESS	GEO 101, HIS 101, 102, 104, 105, 203, or 204	3	4
1.07 - HUMANITIES, ARTS, LANG	Select one SUNY approved humanities, Arts or World Language course	3	4
1.08 - LAS ELECTIVE	Met by Mathematics requirement	0	N/A
1.09 - HEALTH/PE/ATH	Select 2 credit from any HED, PED or ATH option	2	3
2 - PROGRAM REQUIREMENT	**MET BY**	**37**	**As Listed**
2.01 - Program Requirement	BIO104 or BIO115	3	1
2.02 - Program Requirement	CHE100 or CHE101	3	1
2.03 - Program Requirement	BIO108 Human Nutrition	3	3
2.04 - Program Requirement	FPT101 Introduction to Food Processing Technology	3	1
2.05 - Program Requirement	FPT102 Food Safety, Sanitation and Hazard Analysis	3	2
2.06 - Program Requirement	FPT201 Unit Operations in Food and Dairy Processing	3	3
2.07 - Program Requirement	FPT205 Analytical Methods and Labeling of Food	4	4

2.08 - Program Requirement	CIS102 Intro to Computers or CIS116 Microcomputer Applications	3	2
2.09 - Program Requirement	BUS101 Principles of Business	3	1
2.1 - Program Requirement	BUS214 Organizational Behavior	3	3
2.11 - Program Requirement	BUS217 Business Internship	3	4
2.12 - Restricted Elective	Restricted Elective Select any BLM, BUS or ACC option	3	2
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**60**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	14	3
3.4 - Semester 4	Semester 4 Total Credits	16	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 – Note 1	Students may complete up to 62 total credits if they select BIO115 and/or CHE100.	0	Upon Completion
4.03 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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 Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**21**	**As Listed**
1.01 - COMMUNICATION W1	ENG 101 College Composition	3	1

1.02 - COMMUNICATION W2	ENG 102 or 105	3	2
1.03 - MATHEMATICS	met by Liberal Arts & Science elective or waiver	0	N/A
1.04 - NATURAL SCIENCE	met by Liberal Arts & Science elective or waiver	0	N/A
1.05 - SOCIAL SCIENCE	PSY101 General Psychology or PSY 104 Intro to Psychology	3	1
1.06 - HISTORY, ENGAGEMENT, AWARENESS	HIS 101, 102, 104, 105, 203, or 204	3	1
1.07 - HUMANITIES, ARTS, LANG	LIT 203 Children's Literature	3	2
1.09 – LAS ELECTIVE	Select one SUNY approved Mathematics or Natural Science course	3	3
1.10 - HEALTH/PE/ATH	HED 204 Introduction to Healthy Living	3	1
2 - PROGRAM REQUIREMENT	**MET BY**	**39**	**As Listed**
2.01 - Required Certification	Identifying and Reporting Suspected Child Abuse Seminar	0	1
2.02 - Program Requirement	EDF 100 Introduction to Education	3	1
2.03 - Program Requirement	CIS 102 Introduction to Computers	3	2
2.04 - Program Requirement	EDF 250 Introduction to Developmental Disabilities	3	2
2.05 - Program Requirement	PSY 210 Child Development	3	2
2.06 - Program Requirement	ASL 101 American Sign Language 1	3	3
2.07 - Program Requirement	PED 177 Adaptive Physical Education (Fall Only)	2	3
2.08 - Concentration Elective	Concentration Elective 1 or EDF 105 (Generalist Concentration)	3	3
2.09 - Concentration Elective	Concentration Elective 2	3	3
2.10 - Program Requirement	EDF 212 Co-operative Education	1	4
2.11 - Program Requirement	GEO 101 World Regional Geography or GEO 102 Human Geography	3	4
2.12 - Program Requirement	HUS 101 Introduction to Human Services	3	4
2.13 - Concentration Elective	Concentration Elective 3	3	4
2.14 - Concentration Elective	Concentration Elective 4	3	4
2.15 - Concentration Elective	Concentration Elective 5	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**60**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1
3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	14	3
3.4 - Semester 4	Semester 4 Total Credits	16	4

4 - INFORMATIONAL NOTES	GENERAL CURRICULUM INFORMATION	0	As Appropriate
4.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.02 - Concentration Electives	Concentration Elective Options All students must choose an Area of Concentration from the options listed. Electives for this program should be selected within the intended area of Concentration. Developmental Disabilities select from: EDF 105, HED 205, HUR 101, HUS 102, 104, 106, 251, PSY 202 or 211 Learning Strategies and Technologies select from: ASL 102, CIS 16, 120, EDF 105, HUS 106, MAT 116 or 117 Generalist select from: EDF 105 (Required), ASL 102, CIS 116, 120, HED 205, HUR 101, HUS 102, 104, 106, 251, MAT 116, 117, PSY 202, or 211	0	As Selected
4.03 - Advisement Requirement	Advisement is mandatory prior to registration for the first 30 hours of study.	0	Prior to registration
4.04 - Certification Completion	Candidates completing the first 30 credit hours, as listed above, meet the requirements for the Genesee Community College Teaching Assistant Certificate.	0	As Applicable
4.05 - Certification Eligibility	Candidates completing the first 18 credit hours meet the necessary semester hours of collegiate study for the New York State Level II or III Teaching Assistant Certificate and/or 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).	0	As Applicable
4.06 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

925: Teaching Assistant Certificate Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – PROGRAM REQUIREMENTS	**MET BY**	**30**	**As Listed**
1.01 - Program Requirement	ENG 101 College Composition	3	1

1.02 - Program Requirement	EDF 100 Introduction to Education	3	1
1.03 - Program Requirement	PSY101 General Psychology or PSY 104 Intro to Psychology	3	1
1.04 - Program Requirement	EDF 250 Introduction to Exceptionalities	3	1
1.05 - Program Requirement	ENG 102 or 105 Composition in the Natural and Social Sciences or Humanities	3	2
1.06 - Program Requirement	PSY 210 Child Development or PSY 211 Adolescent Development	3	2
1.07 - Program Requirement	LIT 203 Children's Literature	3	2
1.08 - Program Requirement	Select one: CIS, AST, BIO, CHE, PHY, or MAT option	3	2
1.09 - Program Requirement	HED 204 Intro to Healthful Living	3	2.5
1.10 - Program Requirement	Select one SUNY approved History, Awareness, Engagement or Arts course	3	2.5
1.11 - Program Requirement	Identifying & Reporting Suspected Child Abuse Seminar	0	2.5
2 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**30**	**Upon Completion**
2.01 - Semester 1	Semester 1 Total Credits	12	1
2.02 - Semester 2	Semester 2 Total Credits	12	2
2.03 – Summer Semester	Summer Total Credits	6	3
3 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
3.01 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
3.02 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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: Liberal Arts & Science: Teacher Education Transfer A S Degree Requirements Table
FALL 2023 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1 – KNOWLEDGE & SKILL AREA	**MET BY**	**33**	**As Listed**

1.01 - COMMUNICATION W 1	ENG 101 College Composition	3	1
1.02 - COMMUNICATION W 2	ENG 102 or 105	3	2
1.03 - COMMUNICATION ORAL	SPE 108, 109 or HUS 102	3	2
1.04 - MATHEMATICS	Select one SUNY approved Mathematics course (per Note 1)	3	3
1.05 - NATURAL SCIENCE	Select one SUNY approved Natural Science course	3	1
1.06 - SOCIAL SCIENCE	PSY 104 Introduction to Psychology	3	2
1.07 - HISTORY, ENGAGEMENT, AWARENESS	HIS 203 US History I or HIS 204 US History 2	3	1
1.08 - HUMANITIES, ARTS, LANG	LIT 201, 203, 211 or ENG 214 (per Note 3)	3	4
1.09 - LAS ELECTIVE	GEO 102 Human Geography	3	2
1.10 - DIVERSITY (DEISJ)	Met by Social Science requirement	0	N/A
1.11 - SUNY GEN ED SELECTION	Select one SUNY approved Art course	3	3
1.12 - HEALTH/PE/ATH	HED 204 Intro to Healthful Living	3	4
2 - PROGRAM REQUIREMENT	**MET BY**	**30**	**As Listed**
2.01 - Program Requirement	EDF 100 Introduction to Education	3	1
2.02 - Program Requirement	Select one SUNY approved World Language course 1	3	1
2.03 - Program Requirement	Select one SUNY approved World Language course 2 (consecutive with selection for course 1)	3	2
2.04 - Program Requirement	EDF 201 Educational Foundations 1	3	3
2.05 - Program Requirement	EDF 250 Introduction to Developmental Disabilities	3	3
2.06 - Elective 1	Liberal Arts Elective 1 (per Note 4)	3	3
2.07 - Program Requirement	EDF 202 Educational Foundations 2	3	4
2.08 - Program Requirement	PSY 210 or PSY 211 (per Note 2)	3	4
2.09 - Elective 2	Liberal Arts Elective 2 (per Note 4)	3	4
2.10 - Elective 3	Liberal Arts Elective 3 (per Note 4)	3	4
3 - SEMESTER	**TOTAL CREDITS REQUIRED FOR DEGREE**	**63**	**Upon Completion**
3.1 - Semester 1	Semester 1 Total Credits	15	1

3.2 - Semester 2	Semester 2 Total Credits	15	2
3.3 - Semester 3	Semester 3 Total Credits	15	3
3.4 - Semester 4	Semester 4 Total Credits	18	4
4 - INFORMATIONAL NOTES	**GENERAL CURRICULUM INFORMATION**	**0**	**As Appropriate**
4.01 - Infused Competencies	Information Literacy: ENG 101 Critical Thinking: ENG 102 or ENG 105 Technological Competency: SPE 108, SPE 109, or HUS 102 Values & Ethics: PSY 104	0	Prior to Completion
4.02 - Proficiency Requirements	As outlined in Procedure 321- Placement and Proficiency Requirements (click to 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.	0	Prior to Completion
4.03 - Note 1	MAT 116 and MAT 117 will be required by the transfer institution for all students seeking certification in Early Childhood and Childhood Education. MAT 116 will fulfill a General Elective (fall only course), and MAT 117 will fulfill the SUNY Math requirement (spring only course)	0	Informational Note
4.04 - Note 2	Students seeking certification in Early Childhood or Childhood Education must take PSY 210. Students seeking certification in Adolescent Education must take PSY 211.	0	Informational Note
4.05 - Note 3	Students seeking certification in Early Childhood/Childhood Education must take LIT 203. Students seeking certification in Adolescent Education must choose either LIT 201, LIT 211, or ENG 214.	0	Informational Note
4.06 - Note 4 (Electives)	All students must select an area of concentration based on desired NYS Certification and transfer institution requirements. The Liberal Arts Elective credits for this program will help students to fulfill their concentration area. For additional assistance with course selection, see the Transfer Services in the Student Success Center and/or seek academic advisement.	0	As Appropriate
4.07 - GPA Requirement	**GPA of 2.0 Required for graduation**	0	Upon Completion

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
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

Abbreviation	Subject
FYE	First Year Experience
GEO	Geography
HED	Health Education
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
NUR	Nursing
OFT	Office Technology/Secretarial
PED	Physical Education
PHI	Philosophy
PHM	Pharmacology
PHO	Photography
PHY	Physics
PLG	Paralegal
POR	Portuguese
POS	Political Science
PSY	Psychology
PTA	Physical Therapist Assistant
PVO	Solar (Photovoltaic)
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. **Prerequisite:** CIS116 and ACC102 or concurrent enrollment in ACC102 for students in the accounting certificate only with instructor approval.

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:** ACC101 or concurrent enrollment in ACC101 for students in the accounting certificate only with instructor approval.

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.

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 to compare and contrast 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 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. **Prerequisite:** 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.

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.

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 excelled 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.

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. **Prerequisite:** ART105 and ART209.

ART209 – Computer Graphics
3 credits
Catalog Description: Introduces the computer as an 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 applications and objectives. A minimum of 150 hours required for completion. Spring only. **Prerequisite:** 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. Spring only. **Prerequisite:** ART107 and ART207.

ART221 – Museum and Portfolio Fundamentals
3 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: Develops basic communication skills in American Sign Language. Emphasizes the learning of grammatical structures and sign vocabulary in meaningful contexts (e.g., introducing oneself, discussing living situations, sharing about family). Topics include making connections with Deaf people, higher institutions for the Deaf, and visual ways of living. ASL and Deaf culture are taught and learned using the immersion method. **Prerequisite:** None.

ASL102 – American Sign Language 2
3 credits
Catalog Description: Strengthens beginner-level receptive and expressive communication skills acquired in American Sign Language 1. Supports the acquisition of new sign vocabulary and grammar in structured and meaningful dialogues using the immersion approach to ASL learning and Deaf cultural awareness. Topics

include cultural products, Deaf communities, and Deaf-related disciplines and careers.
Prerequisite: ASL 101 or equivalent.

Astronomy

AST107 – Astronomy
3 credits
Catalog Description: A broad introduction to the history of astronomy; basic principles of physics; origin of solar systems along with planets, moons and other objects. Other topics are types of stars, galaxies, characteristics of planets, their moons, asteroids, comets and meteoroids. Telescopes are utilized to view the evening sky. Evening observations required.

PE Competitive Fundamentals

ATH201 – Competitive Women's Volleyball Fundamentals I
1 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit

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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 credit
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 Therapist 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 Regent's chemistry or Regent's biology with a Regents exam grade of 70 or higher. Must meet the Genesee Community College reading proficiency.

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 pre-medicine or any life science program. (General Biology I and II are not sequential. Either may be taken first.) ... **Prerequisite:** High school Regent's 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.). **Prerequisite:** 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.

BIO123 – 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 BIOLB3.

BIO124 – 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. **Prerequisite:** VET 100, VET 101, BIO123, and BIOLB3 each

with a grade of 'C' or higher. Corequisites: BIOLB4, VET 124, VET 223 and VET LB3.

BIO150 – Survey of Human Anatomy and Physiology
4 credits
Catalog Description: A one semester survey of the anatomy and physiology of the human body. The course studies basic anatomical terminology, body organization, cellular activities and histology. Emphasis is on structure and function and the role negative feedback and homeostasis play in the human body. Body systems studied include cardiovascular, skeletal, muscular, endocrine, reproductive, nervous and respiratory. Laboratory study includes microscope work, model study, organ dissection, and exercises designed to illustrate normal form and function. This course is primarily for students interested in physical education studies, fitness and recreation management, polysomnography, and students that may need a four-credit science course for transfer.

BIO152 – Anatomy & Physiology 1
4 credits
Catalog Description: The first course of a 2-semester comprehensive study of the anatomy and physiology of the human body. The course focuses on the integumentary skeletal, muscular and nervous systems. Studies body organization, anatomical terminology, and foundations of histology. Emphasis is on form and function, and the role that negative feedback and homeostasis play in the control of the human body. The course is designed using Human Anatomy and Physiology Society (HAPS) Learning outcomes. Laboratory study includes microscope work, organ and animal dissection, and exercises designed to illustrate normal anatomy and physiology. Pre-requisite: Successful completion of the Genesee Community College Math and Reading proficiencies and BIO 104 or BIO 115 completed with a grade of 'C' or better within the last five years, or acceptance into a health care career program.

BIO153 – Anatomy & Physiology 2
4 credits
Catalog Description: A continuation of Biology 152 and the comprehensive study of the anatomy and physiology of the human body. Systems studied include endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive. Metabolic and regulatory pathways, including those involving fluids, electrolytes and acid/base balance, are an integral part of the course, along with homeostasis and feedback loops. The course is designed using Human Anatomy and Physiology Society (HAPS) learning outcomes. Laboratory study includes microscope work, organ and animal dissection, and exercises designed to illustrate normal function. Pre-requisite: Successful completion of the Genesee Community College Math and Reading proficiencies and completion of Biology 152 with a C or better, within the last five years.

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. **Prerequisite:** 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.

BIOLB3 – Lab for BIO 123
1 credit
Catalog Description: BIOLB3 is the application of didactic instruction for BIO123 and a required co-requisite. Skills and performance in BIOLB3 are assessed as a component of BIO123 and therefore, must be successfully completed in addition to all the requirements for BIO123. Laboratory work includes anatomy studies using models and dissections, physiology exercises, and microscopic histological observations. Corequisites: VET100, VET101, BIO123.

BIOLB4 – Lab for BIO 124
1 credit
Catalog Description: BIOLB4 is the application of didactic instruction for BIO124 and a required co-requisite. Skills and performance in BIOLB4 are assessed as a component of BIO124 and therefore, must be successfully completed in addition to all the requirements for BIO124. Laboratory work includes anatomy studies using models and dissections, physiology exercises, and microscopic histological observations. **Prerequisite:** VET 100, VET 101, BIO123, BIOLB3 each with a grade of 'C' or higher. Corequisites: BIO124, VET 124.

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.

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.

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 play 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.

BLM245 – Introduction to Inventory and Warehouse Management
3 credits
Catalog Description: This course focuses on one of the costliest 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.

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.

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.

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 themselves 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 every day 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. Conduct 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.

BUS112 – Supervisory Principles
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.

BUS194 – Public Procurement
3 credits
Catalog Description: Introduce public procurement principles and relevant applications by integrating concepts from a legal, ethical, and documentation-oriented standpoint.

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.

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: This course concentrates on analysis of factors impacting individual and organizational success in today's rapidly changing business environment. Students will explore topics such as personality, motivation, ethics, diversity, and organizational structure. Focus will also be placed on development of interpersonal skills including communication, teamwork, decision making, leadership, and conflict resolution through applied classwork and assignments.

BUS217 – Cooperative Education
3 credits
Catalog Description: Introduces students to first-hand experiences in business operations. Students will secure and participate in an internship relative to their career and academic objectives. Contact instructor directly upon registration. **Prerequisite:** Successful completion of 24 credits.

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.

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.

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.

Career Educational Planning

CEP100 – Surviving and Thriving in College
1 credit
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 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

CES110 – Leadership in the Community
1 credit
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 focuses on 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 Therapist 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. **Prerequisite:** 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. **Prerequisite:** CHE 101 with a grade of 'C' or higher.

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. It studies popular genres such as Westerns, comedy, and combat films. 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.

CIS106 – Introduction to Virtual Reality
3 credits
Catalog Description: An Introduction to Virtual Reality. Students will enhance computer and creative skills for interacting with virtual reality. Students will complete a variety of tasks in a virtual reality environment including designing/creating objects, communicating/interacting with other users, and manipulating items.

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 current techniques of system analysis specification, selection, and implementation. Includes the effective use and management of hardware, software and data processing 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 modern programming software. Solves a variety of problems by developing a strategy, applying appropriate techniques, and testing results. Prerequisite or corequisite: MAT102 or higher or by math placement exam. Windows based computer is required to complete the course.

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 credit
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.

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.

CIS211 – Application Development and Design 1
3 credits
Catalog Description: This class is designed to instruct students on how to design, create, measure and deploy applications for mobile devices. These devices include, but are not limited to, phones, tablet and android devices. **Prerequisite:** CIS125

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. Spring only. **Prerequisite:** CIS125.

CIS219 – Computer Programming1
4 credits
Catalog Description: Introduces computer concepts and programming in a modern, high-level language with a focus on problem solving and systematic program development. Topics include problem analysis, algorithm design, top-down development, program testing, documentation, data types, input/output, sequence, selection, loops, functions, arrays, strings, files, and data structures. Additionally, students are introduced to basic algorithms such as sorting and searching. **Prerequisite:** CIS125.

CIS221 – Computer Programming2
4 credits
Catalog Description: A continuation of CIS219. Demonstrates advanced computing system concepts, problem solving and systematic program development. Topics include program development, program testing, documentation, functions, files, advanced data structures, and object-oriented concepts such as inheritance, polymorphism, exception handling, and event driven programming. Additional topics may include but are not limited to database programming, networking, GUI development, recursion, lists, stacks, queues and trees. **Prerequisite:** CIS219.

CIS295 – Application Development and Design 1
3 credits
Catalog Description: This class is designed to instruct students on how to design, create, measure and deploy applications for mobile devices. These devices include, but are not limited to, phones, tablet and android devices. Pre-Requisites: CIS 125

CIS296 – Application Development and Design 2
3 credits
Catalog Description: This class is designed to increase student understanding of capabilities, limitations and design standards for mobile applications introduced in Application Development 1. The feature areas of study will be data manipulation, User Interface Design and publishing process. Pre-Requisite: CIS 295

Cooperative Education

COE212 – Coop or Internship Experience
1 credit
Catalog Description: Provides students with an opportunity to earn credit for work experience (paid or unpaid) which is related to their career and academic objectives. A minimum of 40 hours 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 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 work experience (paid or unpaid) which is related to their career and academic objectives. A minimum of 120 hours 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 credit
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 credit
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 credit
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 credit
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.

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.

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 credit
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.

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 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 roles, 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 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.

CRJ123 – Introduction to Emergency Telecommunications
3 credits
Catalog Description: Provides an introduction to public safety telecommunications in support of

police, fire, and emergency medical services. This course is designed to provide students with a basic understanding of 911 operations, emergency communications, and the unique role public safety telecommunicators serve within the overall emergency response framework. Students successfully completing this course will also receive national certification from the Association of Public Safety Communications Official (APCO) which is broadly accepted in 911 Centers in the United States and Canada.

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.

CRJ202 – Ethics in Criminal Justice
3 credits
Catalog Description: Examines the philosophical, moral, and ethical bases of human behavior from a criminal justice perspective. Students discuss justice, law, and punishment, moral decision-making; and ethical and legal dilemmas in the criminal justice system.

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. **Prerequisite:** 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 LINUX-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.

CSN121 – Network Fundamentals
3 credits
Catalog Description: Explores computer networks using the OSI and TCP models, network protocols, IP, Ethernet, network hardware, media and application services. Uses a combination of lectures and hands-on experiences to analyze protocols, network operations, cabling, routers and switches. **Prerequisite:** Completion of the Genesee Community College math proficiency.

CSN130 – 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

CSN151 – Computer Repair
3 credits
Catalog Description: Introduces computer hardware, software and operating system components. Includes hardware installation, configuration, repair, systematic troubleshooting, internal operation, peripheral devices, operating system installation, and system tools. Lab work includes PC assembly and repair projects.

CSN201 – Client Operating Systems
3 credits
Catalog Description: Explores concepts and requirements of client operating systems with an emphasis on the current Microsoft Windows operating systems. Introduces the various tools for installing, administering, configuring and supporting Windows using skills-based activities. Prepares students to take the current Microsoft Windows certification examination. Fall only. Prerequisite or co-requisite: CSN121 or CSN115 or permission of instructor.

CSN202 – Server Operating Systems
3 credits
Catalog Description: Explores concepts and requirements of server operating systems with an emphasis on current Microsoft products. Introduces the various tools for installing, administering, configuring and supporting Windows Server Operating Systems using skills-based activities. Prepares students to take the corresponding Microsoft certification examination. Spring only. **Prerequisite:** CSN201 or permission of instructor.

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.
Prerequisite: CSN121

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:** CSN206

CSN209 – Overview of Computer & Network Security
3 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 121.

CSN217 – Information Technology Internship
3 credits
Catalog Description: Participation in a minimum of 120 hours of field experience in an internship business/organization for the purpose of experiential learning in business operations, management, and information technologies which are related to career and academic objectives. **Prerequisite:** 12 credit hours of CSN and/or CIS courses and permission of instructor.

CSN221 – Inter/Intra Networking
3 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. **Prerequisite:** CSN121.

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.

CSN291 – Cybersecurity Analyst
3 credits
Catalog Description: Introduces students to cybersecurity practices and concepts with high emphasis placed on hands-on practical virtual lab work. Students gain access to full software and hardware resources to more fully engage in discovery. This curriculum maps to NSA/NICE standards and prepares students for CompTIA Cybersecurity Analyst certification (CySA+). CompTIA CySA+ meets the ISO 17024 standard and is approved by U.S. Department of Defense to fulfill Directive 8570.01-M requirements. **Prerequisite:** CSN150, CSN208, CSN220

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.

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. **Prerequisite:** 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. **Prerequisite:** EDF 201 or permission of the instructor and a G.P.A. of 2.5 or higher.

EDF212 – Cooperative Education
1 credit
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.

EDF250 – Introduction to Developmental Disabilities
3 credits
Catalog Description: Overview of disabilities encountered when working with infants, children and adults with development disabilities throughout 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 mandatory field observation. Equivalent to HUS250.

CAD (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, angels, surfaces, volumes and other information applying descriptive geometry methods. Students complete detailed drawings, determine the volume and weight of a machined part, and present a design proposal. Two class hours, two

lab hours. Fall only. **Prerequisite:** EGR102 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 – Engineering Blueprint Reading
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 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.

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.

EGR235 – Engineering Mechanics 1: Statics
3 credits
Catalog Description: Comprehensive analysis of basic principles of statics, including vector and scalar treatment of multi-dimensional force systems. Studies include sectional forces in beams, cables and frames. Shear and moment diagrams that are developed using methods of joints and sections are incorporated in these studies. Free body diagrams are used to calculate forces on frames, cables and machines. A process is developed for evaluating static determinacy of multiple force systems. Frictional forces on static systems are analyzed. Other topics include an investigation of static equilibrium, resultant forces and equivalent force systems. Fall only. **Prerequisite:** PHY 132.

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.

Electrical

ELC150 – Electricity & Electronics
4 credits
Catalog Description: This course introduces the students to basic principles of electricity and electronics with an emphasis on their use in technical applications. The student will build and test electrical circuits, learn electric symbology, read and draw schematics, measure voltage, current, resistance, and capacitance using a multimeter, construct electric and electronic circuits, and be introduced to various motor types and motor controls. Semiconductors and solid-state electronics are explored.

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 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

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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:** 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.

Fashion Merchandising Management

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.

FBM121 – Advanced Apparel Construction
3 credits
Catalog Description: Explores appropriate apparel construction techniques using a variety of knits, silky, directional, lace, napped, and specialty fabrics. Complex applications, contrasting fabric inserts, matching directional fabrics, and hand stitching applications are covered which build on skills learned in apparel Construction Fundamentals. Pre-requisites: FBM120 or instructor approval following a portfolio review.

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.

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. The 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.

FBM216 – Styling
3 credits
Catalog Description: This course provides students with styling skills for entry level positions in the fashion industry. Students style products and live models for photoshoots, for videos, and at events. Personal styling and color analysis skills are developed in this course as well.

FBM219 – Apparel Line Construction
3 credits
Catalog Description: Further exploration of pattern making, pattern manipulation, and design following FBM 121 – Advanced Apparel Construction. Principles for producing effective apparel designs from concept to garment construction/production to promotion are covered. Sample fitting on fit models, pricing a line, and solidifying a design aesthetic are covered. Pre-requisites: FBM 121, FBM 122 or instructor approval following a portfolio review.

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. **Prerequisite:** 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.

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. The 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 the 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 the 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 the Advisement Homepage. Instructor determines final placement. **Prerequisite:** FRE 201 or equivalent. Typically offered Spring only.

Foundations of Academic Success

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 credit
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. It 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. It 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.

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.

Honors

HON111 – Honors Mentoring
1 credit
Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance of 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 credit
Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance of 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 credit
Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance of 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 credit
Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance of 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 of 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 of 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 of 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 of 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 of 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 of 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 of 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 of 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 credit
Catalog Description: Offers intensive study of a topic ordinarily not offered or pursued in a course under the guidance of 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 credit
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 credit
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 credit
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.

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: Differentiate theories and apply models to examine healthy and unhealthy systems (individuals, family, and society). It covers topics in particular related to maltreatment, abuse, violence, and neglect within the family system. Reviews the multidisciplinary approach of human service agencies, law enforcement, and the legal system which either help or hinder client advocacy, empowerment and treatment.

HUS104 – Preschool Children-Health, Safety and Nutrition
3 credits
Catalog Description: In accordance with the standards outlined by the New York State Department of Health, this course examines the role of caretakers and educators to maintain and promote safety, health, wellness and developmentally appropriate environments for preschool-aged children (3-5 years old). Topics covered include developmental milestones, nutrition guidelines, disease, illness and injury prevention and education, childcare safety requirements, and child abuse and neglect.

HUS106 – Early Childhood Education - Methods and Materials
3 credits
Catalog Description: In alignment with New York State's Early Learning Guidelines, students will examine the 7 core competencies (child development and growth; family and community relationships; observation and assessment; environment and curriculum; health, safety and nutrition; professionalism and leadership; administration and management) to assist children (ages birth to eight years) with their development (physical, intellectual, emotional, social and behavioral, etc.) within the context of formal learning environments.

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 (average of at least 8 hours per week).
Prerequisite: HUS101

HUS113 – Alcohol/Drug Use and Abuse
3 credits

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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, contemporary and cultural perspectives and practices related to death and dying. Examines ethical principles related to end-of-life care.

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 (average of at least 8 hours per week). **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 throughout 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 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.

Leadership

LDR261 – Leadership, Citizenship & Professionalism in a Community College
3 credits
Catalog Description: This course will engage participants in the identification and refinement of the knowledge and skills necessary to the nurturing of a student-centered community college work environment that promotes integrity, professionalism, high standards of service, and unity-of-purpose. Sample topics to be covered include: the functions and services of a college; student and employee interaction; expectations of external stakeholders; service processes across departments; and current social, political, and economic issues in higher education. Sample skills developed or reinforced include communicating effectively across constituencies; building and empowering teams; formal and informal collaboration; self-management; and organizational interdependence. Curriculum will include coverage of key institutional policies and procedures; selected policies and procedures from the State University of New York (SUNY) and the New York State Education Department (NYSED); the Middle States Commission of Higher Education (MSCHE) Standards for Accreditation and Requirements of Affiliation;

and the American Association of Community Colleges (AACC) Competencies for Community College Leaders.

LDR272 – Organizational Management Skills for Community College Personnel
3 credits
Catalog Description: Developed specifically for community college employees readying for advancement opportunities, this course focuses specifically on the development of skills necessary for a variety of leadership roles. Administrators new to their positions, teaching faculty, and support and professional staff will engage in various knowledge and skills-building activities designed to enhance and build upon current knowledge and skills sets. The curriculum will include foundational management concepts common across all job descriptions, combined with a more specialized curriculum focused on the participant's contractual function. Sample topics covered include Interpersonal relationship development; negotiations and conflict management; messaging in communication; management of expectations; job performance appraisal; and change leadership. **Prerequisite:** LDR 271.

LDR273 – Advanced Communication Skills for Community College Personnel
1 credit
Catalog Description: Effective communication underpins every successful endeavor in most organizations. For success in a community college setting, leaders and aspiring leaders must be able to assist others by adeptly applying a variety of communication techniques and determining which technique to use in which situation. This course will provide students with opportunities for self-reflective learning as a means of encouraging participants to modify their personal communication style to become better leaders. **Prerequisite:** LDR 271 and 272.

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. **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 courses require 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 courses require 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.

LIT214 – 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.

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 pressions 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. **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. **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 that include the use of statistical software that must be approved by the full-time faculty course coordinator. (Examples include MINITAB and StatCrunch.). **Prerequisite:** MAT 092, minimum grade of C in MAT 108, or higher; or by placement; or by permission of instructor.

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 in 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 in 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: An introduction to scientific inquiry of how the atmosphere and weather behave. It examines atmospheric parameters (temperatures, humidity, pressure, winds); the formation of clouds, rain and snow; middle-

latitude cyclones and hurricanes; and the development of thunderstorms, lightning, hail and tornadoes. Basic weather forecasting, climate change, air pollution, and optical phenomena are also examined. Includes a laboratory component where students learn to analyze meteorological concepts, data, and maps. 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 the 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 the 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 – Introduction to Music Theory
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.

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.

MUS128 – Applied Music: Private Voice Lessons
1 credit
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 the 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. Prior experience is not necessary. Credit in this course will not satisfy Fine Arts requirements in any degree program. **Prerequisite:** None.

MUS129 – Applied Music: Private Voice Lessons
1 credit
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 the 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. This course follows up on skills learned in MUS 128. Students are understood to have a basic knowledge of music and singing. Credit in this course will not satisfy Fine Arts requirements in any degree program. **Prerequisite:** MUS 128

MUS130 – Applied Music: Private Voice Lessons
1 credit
Catalog Description: 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 the 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. This course follows up on skills learned in MUS129. Students are expected to have an intermediate understanding of music and singing. Credit in this course will not satisfy Fine Arts requirements in any degree program. **Prerequisite:** MUS129.

MUS131 – Applied Music: Private Voice Lessons
1 credit
Catalog Description: 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 the 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. This course follows up on skills learned in MUS130. Students are understood to be at a level suitable for entry into a four-year program. Credit in this course will not satisfy Fine Arts requirements in any degree program. **Prerequisite:** MUS130.

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 Regent's biology and Regent's 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 nano surface 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. Pre-requisite: 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. Pre-requisite: 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. **Prerequisite:** 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

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.
Prerequisite: 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

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. **Prerequisite:** 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. The nursing process is used as the framework for critical thinking and problem solving. Four contact hours (3 classroom, 1 laboratory). **Prerequisite:** 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. **Prerequisite:** Successful completion of NUR 130 and current LPN registration in a US jurisdiction.

NUR211 – Nursing 3
5 credits

Catalog Description: Introduces the student to concepts related to the care of diverse individuals experiencing physiologic and psychological health status changes. Emphasis is placed on health promotion and management. The competencies of patient centered care, safe practice environment, collaboration, healthcare informatics and management of care continue to be developed. This course provides classroom and online content. **Prerequisite:** BIO 153, NUR 112, NUR 122 and with a grade of 'C' or higher, and NUR LC2 with a grade of 'CP'. Prerequisite or co-requisite: BIO 201 with a grade of 'C' or higher Co-requisite: NUR 230 and NUR LC3.

NUR212 – Nursing 4
5 credits
Catalog Description: Introduces the student to concepts related to the nursing care of diverse individuals experiencing prolonged changes in health status. Emphasis is placed on managing and optimizing health. The competencies of patient centered care, safe practice environment, collaboration, healthcare informatics and management of care are applied to clinical practice. This course provides classroom and online content. **Prerequisite:** BIO 201, NUR 211, and NUR 230 with a grade of 'C' or higher and NUR LC3 with a grade of "CP" Corequisite: NUR LC4, NUR 222, and NUR LC5.

NUR222 – Nursing 5
2 credits
Catalog Description: Introduces the student to concepts related to the nursing care of diverse individuals with complex health care needs. Emphasis is placed upon integration of the competencies of patient centered care, safe practice environment, collaboration, healthcare informatics and management of care in clinical practice. This course provides classroom and online content. **Prerequisite:** BIO 201, NUR 211, and NUR 230 with a grade of 'C' or higher and NUR LC3 with a grade of "CP. Co-requisites: NUR 212, NUR LC4, and NUR LC5.

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. **Prerequisite:** BIO 153, NUR 112 and NUR122 with a grade of 'C' or higher, and NUR LC2 with a grade of 'CP'. 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.

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 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 the requirements for NUR 112. **Prerequisite:** 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

NURLC3 – Nursing Lab/Clinical 3
3 credits
Catalog Description: NUR LC3 is the application of didactic instruction for NUR 211 and a required co-requisite. Skills and performance in NUR LC3 are assessed as a component of NUR 211 and therefore, must be successfully completed in addition to the requirements for NUR 211. **Prerequisite:** NUR 112, NUR 122

with a grade of 'C' or better, and NUR LC2 with a grade of 'CP'. Prerequisite or co-requisite: BIO 201 with a grade of 'C' or better Co-requisites: NUR 211, NUR 230

NURLC4 – Nursing Lab/Clinical 4
3 credits
Catalog Description: NUR LC4 is the application of didactic instruction for NUR 212 and a required co-requisite. Skills and performance in NUR LC4 are assessed as a component of NUR 212 and therefore, must be successfully completed in addition to the requirements for NUR 212. **Prerequisite:** NUR 211, NUR 230, and BIO 201 with a grade of 'C' or better, and NUR LC3 with a grade of "CP" Co-requisites: NUR 212, NUR 222, NUR LC5

NURLC5 – Nursing Lab/Clinical 5
3 credits
Catalog Description: NUR LC5 is the application of didactic instruction for NUR 222 and a required co-requisite. Skills and performance in NUR LC5 are assessed as a component of NUR 222 and therefore, must be successfully completed in addition to the requirements for NUR 222. **Prerequisite:** NUR 211, NUR 230, BIO 201 with a grade of 'C' or better, and NUR LC3 with a grade of 'CP'. Co-requisites: NUR 212, NUR LC4, NUR 222

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.

OFT116 – Medical Terminology
3 credits
Catalog Description: Analyzes and applies comprehensive study of medical words 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 situations 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 HCPS coding procedures interact with medical billing in office and hospital settings. **Prerequisite:** OFT116. Additional courses are required to be certified as a Medical Coder.

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. **Prerequisite:** OFT116 and OFT101.

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.

OFT255 – Medical Coding II (ICD 10)
3 credits
Catalog Description: Students are introduced to diagnostic coding with emphasis 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.

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 credit
Catalog Description: Introduces Non swimmers 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 credit
Catalog Description: Focuses on beginning indoor soccer skill development for the inexperienced soccer participant. One and one-half class hours.

PED120 – Foundations of Volleyball
1 credit
Catalog Description: Focuses on volleyball skill development. Includes individual and team skills and game rules.

PED121 – Teaching Methods in Volleyball
1 credit
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. **Prerequisite:** PED 104 or PED 120

PED123 – Foundations of Soccer
1 credit
Catalog Description: Focuses on soccer skill development. Includes individual and team skills and game rules.

PED125 – Intermediate Swimming
1 credit
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 – Foundations of Basketball
1 credit
Catalog Description: Focuses on basketball skill development. Includes individual and team skills and game rules.

PED132 – Beginning Karate
1 credit
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 martial arts. Designed for students with little or no background in 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.

PED136 – Beginning Yoga
1 credit
Catalog Description: Introduces basic yoga postures, breathing techniques, meditation and relaxation.

PED137 – Intermediate Yoga
1 credit
Catalog Description: Intermediate yoga postures, breathing techniques, meditation, and relaxation.

PED140 – Teaching Methods in Basketball
1 credit
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 – Teaching Methods in Soccer
1 credit
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

PED143 – Principles of Fly Tying and Fly Fishing
2 credits
Catalog Description: 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.

PED144 – 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.

PED146 – Beginning Bowling
1 credit
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 credit
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 – Foundations of Golf
1 credit
Catalog Description: Presents the basic skills of golf including grip, stance, swing, rules, and etiquette. One and one-half class hours.

PED149 – Teaching Methods in Golf
1 credit
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 – Foundations of Racket Sports
1 credit
Catalog Description: Focuses on skill development in racket sports including tennis,

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badminton and pickleball. Includes individual and team skills and game rules.

PED151 – Teaching Methods in Racket Sports
1 credit
Catalog Description: Presents major skills, strategies, etiquette, and safety consideration in tennis, badminton and pickleball. 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. **Prerequisite:** PED 104 or PED 150

PED152 – Beginning Badminton
1 credit
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 – Foundations of Softball
1 credit
Catalog Description: Focuses on softball skill development. Includes individual and team skills and game rules.

PED154 – Teaching Methods in Softball
1 credit
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 credit
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 credit
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 the evening. One class hour, one off-campus laboratory hour. **Prerequisite:** PED 155.

PED158 – Intermediate Karate
1 credit
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 martial arts. One and one-half class hours. **Prerequisite:** PED 132.

PED171 – Body Conditioning
1 credit
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 credit
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 credit
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 credit
Catalog Description: Focuses on beginning lacrosse skill development for the inexperienced lacrosse participant. One- and one-half class hours. Prerequisite: None.

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 issues of race, violence and athletes as role models.

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 credit
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. **Prerequisite:** 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 credit
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 principles, while working toward specific individual fitness goals. Also emphasizes personal behaviors for optimal wellness.

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. **Prerequisite:** PED 251 & PED 258

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. **Prerequisite:** 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.

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.

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.

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.

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.

Phlebotomy

PHB190 – Phlebotomy Technician
4 credits
Catalog Description: Designed to gain the knowledge in technical and procedural aspects of both adult and pediatric phlebotomy required to become a Phlebotomy technician. Concepts in infection control, legal issues, supplies, special collection and basic clerical skill used for patient interaction will be included. This course leads to National Certification as a Phlebotomist.

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.

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: PHO103 or PHO118.

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. **Prerequisite:** 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.

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.

Prior Learning Portfolio

PLP190 – Learning at the College Level
1 credit
Catalog Description: This course will provide students with the basic tools necessary to compile and assemble a learning portfolio, which may be used as the basis for the awarding of college credit for learning acquired outside of the classroom.

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.

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. Lecture: 3 hrs.

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.)

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. **Prerequisite:** 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. **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.

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. **Prerequisite:** 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. **Prerequisite:** 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. Pre-requisites: PSG 205 and PSG 212 with a grade of 'C' or higher.

PSGLB1 – Lab for PSG 110
1 credit
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 credit
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. **Prerequisite:** PSG105, PSG110, PSGLB1; Co-requisite: PSG114.

PSGLB3 – Lab for PSG 120
1 credit
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 into 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. **Prerequisite:** 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, vital signs, infection control practices, traction, intermittent compression, ultrasound and hydrotherapy. Integrates knowledge of clinically relevant pathological conditions into treatment of orthopedic patients with co-morbidities. **Prerequisite:** 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 students to the field of physical therapy and the role of the Physical Therapist Assistant (PTA). Explores 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, HIPAA, 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. **Prerequisite:** PTA 102, PTALB2, PTA 110, PTA LB3 and BIO 153 each with a grade of "C" or better. Students 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. **Prerequisite:** PTA102, PTALB2 and BIO 153 with grade of "C" or higher. Corequisites: PTA 202 and PTA LB4.

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. Corequisite: PTA LB5.

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 responsibility for continued professional development. **Prerequisite:** PTA 121, PTA 202, PTA 203, and PTALB4 each with a grade of 'C' or higher. Students 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 experiences and didactic instruction. Emphasis is placed on reaching entry-level performance in preparation for entrance into the workforce. The student will educate clinic staff through a professional in-service on a topic appropriate for the clinical setting. Students 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 credit
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.

Solar (Photovoltaic)

PVO101 – Intro to Solar Electric
4 credits
Catalog Description: Intro to Solar Electric covers the fundamentals of solar energy collectors including various components, system architectures, and applications for photovoltaic systems. Topics include basic electricity and electrical design characteristics such as wiring, overcurrent protection, and grounding; a detailed look at module and inverter specifications and characteristics; mounting methods for various roof structures and ground-mounts; and an introduction to safely and effectively commissioning grid-direct systems.

PVO102 – Solar Design and Installation
4 credits

Catalog Description: Solar Design & Installation covers site analysis and load analysis for solar electric systems including application factors such as climate and orientation for stand-alone and grid-tied systems. Topics include site evaluation, load analysis, solar radiation fundamentals, energy efficiency, battery installation, and system sizing.

PVO103 – Solar Codes and Standards
4 credits
Catalog Description: Solar Codes & Standards provides a thorough study of the National Electric Codes (NEC) as applied to the installation and maintenance of solar electric grid-tied and stand-alone systems and advanced troubleshooting techniques. Topics will include wire coding, types, gauge, sizing, ampacity and voltage limitations, conduit, weatherproofing, grounding, high voltage and low voltage rapid shutdowns. Electrical safety is reinforced and emphasized. Students will be familiarized with the national solar organizations and standard setting agencies including National Fire Protection Association (NFPA).

PVO104 – Solar Business and Finance
3 credits
Catalog Description: Solar Business and Finance is a comprehensive examination and orientation to working in the solar electric / photovoltaic industry. Topics will include marketing and sales; electricity rates, savings, and incentive structures; financial cost benefit analysis and financing options. Orientation and preparation for industry certifications in the Solar industry are provided.

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 neonatal, pediatric, adult, and geriatric patients. Prerequisite or corequisite: BIO 105 or BIO 152 with a grade of 'C' or higher.

RCP106 – Respiratory Care Clinical Practice 2
1 credit
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 credit
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 credit
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 neonatal, pediatric, adult, and

geriatric patients. 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 lectures, three lab hours.
Prerequisite: 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. **Prerequisite:** 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.
Prerequisite: 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 credit
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 credit
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
5 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
5 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.

RCPLB1 – Lab for RCP101
1 credit
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 credit
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. **Prerequisite:** RCP101, RCPLB1 and RCP103 each with a grade of 'C' or higher. Corequisite: RCP114.

RCPLB3 – Lab for RCP115
1 credit
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. **Prerequisite:** 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 credit
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 – Reading in the Disciplines
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.

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 the 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.

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 the 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 the Advisement Homepage. Instructor determines final placement. **Prerequisite:** SPA 201 or equivalent. Typically offered Spring only.

Speech

SPE102 – Voice and Articulation
3 credits
Catalog Description: Develops student's ability to present performance material with confidence to a wide variety of audiences and audience sizes. Enables public speakers to improve voice artistically through application of the General American dialect, and to deliver performances while employing proper vocal and interpretative techniques. Covers both the process of creating voice (control of pitch, loudness, quality, rate, breathing, phonation, articulation, resonation, etc.), and the ability to assess and critique oral performances.

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.

THE116 – Theatre Practicum
1 credit
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 credit
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 credit
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 credit
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 credit
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.

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). Also 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. **Prerequisite:** THE103, THE203, and instructor approval

THE206 – Advanced Projects in Theatre
1 credit
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.

THE207 – Stage Management
3 credits
Catalog Description: Introduces the duties and responsibilities of stage managers, detailing best practices for running auditions, building rehearsal reports, writing blocking notation, creating a prompt book, and calling cues. Focuses on the organizational and managerial skills required in the position of a stage manager, with emphasis on their role as the liaison between the director and the production team. Includes development of related skills, such as building rehearsal kits, documentation, mediation, and team communication.

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 lectures, 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. **Prerequisite:** THE202, THE236, and EGR103.

THE256 – Field Study Placement
1 credit
Catalog Description: Introduces students to professional practical experience in production and/or performance aspects of theatre in an off-campus setting. **Prerequisite:** THE 101, THE 103, THE 106.

THE257 – Field Study Placement
1 credit
Catalog Description: Introduces students to professional practical experience in production and/or performance aspects of theatre in an off-campus setting. **Prerequisite:** THE 101, THE 103, THE 106.

THE258 – Field Study Placement
1 credit
Catalog Description: Introduces students to professional practical experience in production and/or performance aspects of theatre in an off-campus setting. **Prerequisite:** THE 101, THE 103, THE 106.

Tourism & Hospitality Management

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 – Global Destinations
3 credits
Catalog Description: Examines each major geographic region of the world, 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.

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. **Prerequisite:** THM101, BUS101, and ENG101 or permission of instructor.

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. **Prerequisite:** THM101, ENG101, and BUS101 or permission of instructor.

Veterinary Technology

VET100 – Veterinary Technology Orientation
1 credit

Catalog Description: Catalog Description: The course introduces the student to the profession of 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, BIO 123 and BIO LB3.

VET101 – Intro to Veterinary Technology
2 credits

Catalog Description: 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, BIO 123 and BIO 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. **Prerequisite:** VET 100, VET 101, BIO 123, and BIO LB3 each with a grade of 'C' or higher. Corequisites: BIO 124, BIO LB4, 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:** BIO 124, BIO LB4, VET 124, VET 223, and VET LB3 each with a grade of 'C' or higher.

VET202 – Animal Clinic Externship 2
1 credit

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 credit
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:** 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 with a grade of 'C' or higher.

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. **Prerequisite:** VET 100, VET 101, BIO 123, and BIO LB3 each with a grade of 'C' or higher. Corequisites: BIO 124, BIO LB4, 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. **Prerequisite:** 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. **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 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 with a grade of 'C' or higher. Corequisites: VET 234, VET LB4, VET 245, VET LB5, VET246, and VET LB6.

VETLB3 – Lab for VET 223
1 credit
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 **Prerequisite:** VET 100, VET 101, BIO 123 and BIO LB3 each with a grade of 'C' or higher. Corequisites: BIO 124, BIO LB4, VET223

VETLB4 – Lab for VET234
1 credit

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. **Prerequisite:** 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 credit
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 credit
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 credit
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 credit
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 equipment, produce images, and 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 https://www.genesee.edu/resources/current-students/student-handbook/ 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 Student Accounts 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)

Grade	Description
CF	Clinical – Failed; no quality points (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 members. 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, gender, , gender identity, gender expression, sexual orientation (or perceived sex, gender, gender identity, gender expression, or sexual orientation), pregnancy religion, creed, age, disability predisposing genetic characteristics, familial status, marital status, veteran status, military status, domestic violence victim status, or criminal history. 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 Christa Aldrich, Executive Director for Human Resources, Affirmative Action Officer and Title IX Coordinator, Genesee Community College, One College Rd, Batavia, NY 14020, Email: cmaldrich@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 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 does 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, regardless of GPA. Effective the term in which a student registers for their twelfth credit hour, the following standard is 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 to be in Good Academic Standing.

Academic standing will be evaluated at the end of the fall term, the end of the spring term, and shortly before the start of the fall term. Students with a cumulative GPA of ≥ 2.0, but a term GPA of less than 2.0, will be sent a letter reminding them that they must maintain a cumulative GPA of ≥ 2.0 to remain in Good Academic Standing and for graduation eligibility.

Students Not in Good Academic Standing

Academic Warning
Students not meeting the Good Academic Standing guidelines for the first time are placed on Academic Warning. Students on Academic Warning are not limited in registering for credit hours. They must meet with their academic advisor or success coach before the mid-point of the semester to discuss progress and any additional support needs. To return to good academic standing, a student on Academic Warning must raise their cumulative GPA to ≥ 2.0. Procedure 406: Good Academic Standing Page 2 of 2

- o Students on Academic Warning who do not return to good academic standing in a successive semester will be placed on Academic Probation.

Academic Probation

Students not meeting the Good Academic Standing guidelines for the second or subsequent times shall be placed on Academic Probation. Students on Academic Probation are restricted to registering for 14 credits or less. They will have a hold placed on their registration until they speak with an academic advisor or success coach and develop a personalized plan for academic improvement. Students must agree

to, sign and follow the academic progress plan developed with their success coach or advisor. That plan may require the student to take and pass the course "College Success" (CES101) or have other requirements such as mandated tutoring. To return to Good Academic Standing, students must raise their cumulative GPA to ≥ 2.0. Students on Academic Probation who successfully complete the term with ≥2.0 GPA, but do not raise their cumulative GPA to ≥ 2.0 will have their Academic Probation status extended for 1 full semester. Students on Academic Probation who do not return to Good Academic Standing and do not earn a term GPA of ≥ 2.0 will be placed on Academic Restriction.

Academic Restriction

Students on Academic Probation who do not achieve a term GPA of ≥ 2.0 and raise their cumulative GPA to ≥ 2.0 will be placed on Academic Restriction. Students on Academic Restriction are limited to registering for 7 credit hours or less and will have a hold placed on their registration until they speak with an academic advisor or success coach to develop a plan for academic improvement. Students must agree to, sign and follow the academic progress plan developed with their success coach or advisor. Students on Academic Restriction who raise their cumulative GPA to ≥ 2.0 will return to Good Academic Standing. Students who earn a term GPA of ≥ 2.0, but do not bring their cumulative GPA to ≥ 2.0 will return to the Academic Probation level. Students who do not earn a term GPA of ≥ 2.0 and do not bring their cumulative GPA to ≥ 2.0 will remain on Academic Restriction.

If a student feels that extenuating circumstances have affected their academic performance, resulting in their not being in Good Academic Standing, they may appeal their status in writing to the Academic Standards Committee of the Academic Senate. Faculty members are encouraged to participate in the College's early intervention systems and strategies to notify

students of unsatisfactory academic performance with adequate time for improvement.

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 an 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 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 Student Accounts 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 of "ordering a transcript without a myGCC account".

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/dvcgitp.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.

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 MyGCC) 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 MyGCC) 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 Student Accounts 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:
Jacalyn Whiting, Chair
Mary Alice Panek, Vice Chair
Sarah Noble-Moag, Secretary
Philip DiMartino
Donna Ferry
David Hagelberger
Diana Kastenbaum
Maureen Marshall
Laurie Miller

Trustees Emeriti
Virginia Adams
Robert Bausch
Laura Bohm
Benjamin Bonarigo, Sr., Esq.
Robert Boyce
Peter Call
Marcia Noonan
Joan Phelps
Charles Ruffino
Diane Torcello
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

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 A. Aradine, Executive Assistant to the President
  A.A.S. Genesee Community College, B.S. Empire State College

Justin M. Johnston, Vice President for Development and External Affairs
  B.A. Daemen College, M.S. Canisius College

Craig R. Lamb, Vice President of Academic Affairs, Provost
  B.S. St. Lawrence University, M.S. SUNY Plattsburgh, Ph.D. SUNY University at Albany

Nikolas E. Varrone, Vice President, Chief Information Officer
  B.S. Temple University

Gina M. Weaver, Vice President for Finance and Operations, Chief Financial Officer
  B.A. SUNY College at Potsdam, M.B.A. St. John Fisher College

Lourdes M. Abaunza, Bursar
  A.A.S. Genesee Community College, B.S. SUNY College at Brockport, M.S. Keuka College

Christa M. Aldrich, Executive Director for Human Resources
  A.S. Corning Community College, B.S. SUNY College at Brockport

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 Service, 2010-2011
  Received the State University Chancellor's Award for Excellence in Professional Service, 2015-2016

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  2003-2004

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  B.A. SUNY College at Oswego, M.A. SUNY
  College at Brockport

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  A.A.S. Genesee Community College, B.S.
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  University

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  B.A. Mercyhurst College, M.A. SUNY College
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  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

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Administrative Staff

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B.A. East Stroudsburg University, M.F.A. Brooklyn College
Received the State University Chancellor's Award for Excellence in Professional Service, 2008-2009
Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2019-2020

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Received the State University Chancellor's Award for Excellence in Faculty Service, 2009-2010

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  College

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  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, 2018-2019

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  B.S. Ithaca College, M.S. Ithaca College

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  College

Directors of Grant Funded Programs

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Lisa C. Krause, Director of Upward Bound
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  B.A. SUNY College at Geneseo, M.A.
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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
Received the State University Chancellor's Award for Excellence in Scholarship and Creative Activities, 2022-2023

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A.A.S. Genesee Community College, B.S.N. University of Rochester, M.S. University of Rochester, M.S. University of Rochester

John A. Love, Clinical Education Coordinator, Physical Therapy Assistant Program
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Received the State University Chancellor's Award for Excellence in Teaching, 2018-2019

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Received the State University Chancellor's
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2020

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A.S. Monroe Community College, B.S. SUNY
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Received the State University Chancellor's Award for Excellence in Faculty Service, 2021-2022
Faculty Emeriti

Meredith L. Altman, Professor of Mathematics

Ruth E. Andes, Professor of Sociology

Larry D. Barnes, Professor of Psychology

Christine Belongia, Professor of Teacher Education

Donna Blake, Professor of Human Services

William Brown, Professor of Commercial Art

John Burns, Professor of Business/Accounting

Patricia Burns, Professor of Business/Office Technology

Ronald Cole, Professor of Chemistry

Anthony Cory, Professor/Coordinator of Intercollegiate Athletics

Michael Crittenden, Professor of Physics

Judy DePalma, Professor of Business/Office Technology

Kathryn Dudkowski, Professor of Business/Office Technology

M. Richard Dudkowski, Professor of Business/Marketing

Patrick Elmore, Professor of Computer Information Systems

Charlene Ellsworth, Professor of Nursing

Donna Ehrhart, Professor of Business and Computer Information Systems

Patricia Fisher-Rodriguez, Professor of Nursing

Barry Garigen, Professor of Criminal Justice

Kathleen L. Guyett, Professor of Nursing

Bruce Hilyard, Professor of English

Frances E. Hoeft, Professor of Nursing

Bernard Hoerbelt, Professor of Mathematics

James Habermas, Professor of Computer Information Systems

Peggy Kerr, Director/Professor of Physical Therapy Assistant

Kathleen Kimber, Professor of Spanish

Betty P. Lapp, Director/Professor of Nursing

Donna M. Leney, Professor of Nursing and Director of the Nursing Program

Maureen Leupold, Director/Professor of Science

Carl Lewis, Professor of Anthropology

Bruce A. Lindsey, Professor of Accounting

Maxine Long, Professor of English

Bernard Marcus, Professor of Biology

Susan H. Marschke, Professor, Counselor Career Development

Kathy Palumbo, Professor/Director of Nursing Program

Andrea Pernick, Professor of Nursing

Charles Platt, Professor, Communications and Media

Mary Wenker Platt, Professor of Psychology

Augusta M. Rolfe, Professor of Business/Accounting

Paul H. Schulte, Professor of Government and History

Judith A. Sikora, Librarian/Professor/Coordinator Library Services

Clinton Tallman, Professor of Biology

Carl Wahlstrom, Professor of Sociology/Intermediate Studies

Nina Warren, Professor/Director of Library Services

Jane Weston, Professor of Biology

Kenneth Witt, Professor of Mathematics/Computer Information Systems

Staff Meritorious

Marcia Ball, Secretary, Math and Science

Ramon Chaya, Director of Business and Employee Skills Training

Jean Cianfrini, Secretary, Distance Learning

Sandra Colson, Cleaner

Cathy Costello, Executive Assistant to the President/Secretary to the Board of Trustees

Marilyn Dickinson, Executive Secretary, Academic Affairs

Priscilla DiRisio, Transfer Coordinator, Advisement

Valerie Hale, Executive Secretary, Planning & Institutional Effectiveness

Larene Hoelcle, Vice President for Human Resources and Planning

Katharina Kovach-Allen, Dean of Human Communications and Behavior

Paulette Mansfield-Brown, Secretary, BEST Center

Rosemarie Monachino, Secretary, Student Financial Services

JoAnn Myers, Secretary, Math, Science and Career Education

Mary M. Scinta, Secretary, BEST Center

Michael Stoll, Associate Vice President for Academic Affairs/ Dean of Math Science and Career Education

Marilyn Torcello, Records Coordinator, Records

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Raymond Strzelecki, Assistant Director, Buildings and Grounds

Cheryl Young, Secretary, Math & Science

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Cory J. Green, Workforce Training Specialist
A.S Genesee Community College

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Kristen L. Hargrave, Assistant Registrar
A.S. Genesee Community College, B.A. SUNY College at Buffalo, M.S SUNY College at Buffalo
Received the State University Chancellor's Award for Excellence in Professional Service, 2022-2023

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A.S. Genesee Community College, B.S. SUNY University at Buffalo

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A.A.S. Genesee Community College

German E. Machado, Network and Desktop Technology Specialist
B.S. Santiago Marino University

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B.S. Art Institute of Pittsburgh, B.S. SUNY College at Brockport

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B.A. Adelphi University, M.S. SUNY University of Buffalo

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