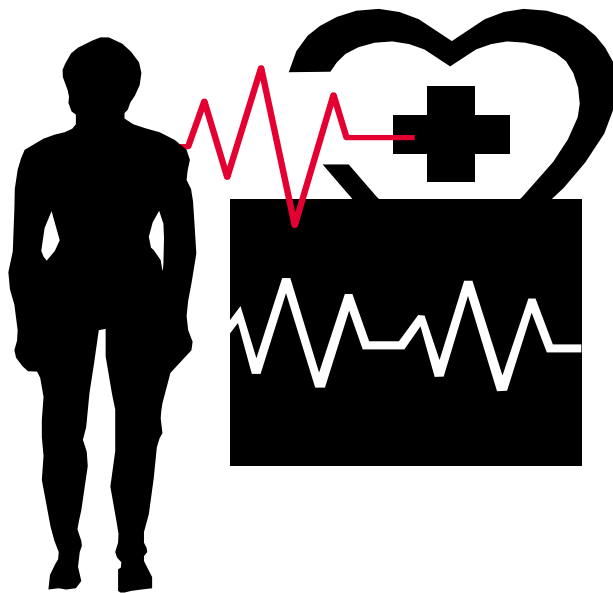


CAREER PATHWAYS HEALTH CAREERS ACADEMY STUDENT PACKET



***A Cooperative effort between Genesee Community College and
Genesee Valley Educational Partnership***

What is the Career Pathways Health Career Academy?

It is a program that:

- Provides a unique opportunity to be academically and technologically challenged.
- Is geared to rigorous academics integrated with health technology.
- Has a multi-disciplinary design providing a sense of closure to their high school education and a direct transition to their next level of professional development into a specific health career profession.
- Provides work-based learning experiences that are focused and relevant and assist in creating a health career network.
- Encourages business and community involvement in education by extending the classroom beyond the traditional four walls.
- Provides a foundation in accessing health information, problem solving, working teams and communicating through oral and written expressions.
- Ideal for self-motivated students who are able to master time management skills.
- Students earn 15 college credits.

Genesee Community College Courses

BIO104 - Fundamentals of Cell Biology

Credits: 3

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 and two lab hours

Class taken on the Genesee Community College campus

PSY 101 – General Psychology

Credits: 3

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.

Class taken on the Genesee Community College Campus

CEP 102 - Health Career Planning

Credits: 3

Catalog Description: Prepares student to develop a greater understanding of health-related career and educational opportunities. Includes self-assessment, goal-setting, and decision-making skills as related to the career development process. Successful completion of the course enables students enrolled in the Health Studies certificate program to complete their mandatory educational plan.

Portfolio

A portfolio is a purposeful and meaningful collection of a student's work over a one year period used for professional and academic advancement. The portfolio can contain work representative of a student's achievements in the Tech Prep Health Career Academy.

Taught by Health Careers Academy teacher

OFT116 - Medical Terminology

Credits: 3

Catalog Description: Analyzes and applies comprehensive study of medical word to the continual learning of new terminology. Includes root words, prefixes, suffixes, and emphasis on the newly learned words in a variety of exercise formats. Medical terminology skills may be applied to various allied health fields.

Taught by Health Careers Academy teacher

HED205 - Responding to Emergencies

Credits: 3

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. Certifications are available in:

Taught by Health Careers Academy teacher

Miscellaneous Information

- Students are responsible for payment of college tuition. Credit hour cost for academy students is currently \$60 which is 1/3 of the regular GCC tuition rate. This can change without notice. The cost of tuition should not be a deterrent to apply for the academy.
- Students will receive a GCC ID and have access to college facilities including:
 - computer labs
 - athletic facilities
 - library databases
 - GCC email
- Job Shadow Rotations are available in hospital departments that may include:

| | |
|-------------------------|-----------------------------------|
| Physical Therapy | Dental |
| Social Worker | Respiratory Therapy |
| Medical Records | Radiology |
| Dietician | Operating Room |
| Occupational Therapy | Cardiac Rehabilitation |
| Nursing Units | Bio-medical Equipment Technology |
| Pharmacy | Information Resource Management |
| Recreation Therapy | Acute Care Med/Surg. Patient Care |
| Ambulatory Care Clinics | Maternity/Nursery |
| Echocardiogram/EKG | Emergency Room |
| Pediatrics | Ambulatory Surgery |
| Intensive/Coronary Care | |

- Classrooms as well as job shadows and internships are hosted at a number of professional sites across the GLOW region.
- Lab coats, college textbooks, materials and supplies are provided by Genesee Valley Educational Partnership and the ACE Department at Genesee Community College.
- Application information can be found at:
<http://www.genesee.edu/home/ace/career-pathways/health-academy/>