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 $55 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
  - Social Worker
  - Medical Records
  - Dietician
  - Occupational Therapy
  - Nursing Units
  - Pharmacy
  - Recreation Therapy
  - Ambulatory Care Clinics
  - Echocardiogram/EKG
  - Pediatrics
  - Intensive/Coronary Care
  - Dental
  - Respiratory Therapy
  - Radiology
  - Operating Room
  - Cardiac Rehabilitation
  - Bio-medical Equipment Technology
  - Information Resource Management
  - Acute Care Med/Surg. Patient Care
  - Maternity/Nursery
  - Emergency Room
  - Ambulatory Surgery
• 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/