



# Pre-Medical Technology (416)

## Associate of Science

### ABOUT OUR PROGRAM

This program is intended to provide the first two years of a four-year baccalaureate program. Students in this major study how to become technicians in medical settings. Students learn about laboratory testing techniques, evaluating test results done on patients, interpreting the results of tests, and monitoring laboratory testing instruments.

### NATURE OF WORK AND EMPLOYMENT

Typical job titles graduates of four-year baccalaureate programs in this major have include chief technologist, laboratory manager, clinical laboratory scientist, immunology technologist, and staff technologist. Due to the growth of the middle-aged and older population and the new development of new diagnostic techniques, there is an increased demand for medical laboratory services. Employment is primarily in hospitals, but there are jobs available in independent laboratories, physicians' offices, veterinarians' offices, and public health agencies.

### SPECIAL CONSIDERATIONS

Students must have an interest and skills in science and electronic/computer technology, numerical aptitude, attention to detail, accuracy, precision, patience, and the ability to work under pressure. **The listed coursework is a recommendation only. Students should check with a student advisor for HCC graduation requirements and specific university requirements in this major.** Students must meet with an advisor to ensure that the special requirements of the department and institution to which they plan to transfer are met. Colleges and universities have specific requirements for transfer students.

### PROGRAM CONTACTS

Call Highland at 815-235-6121 for the following program contacts:

- Dr. Brendan Dutmer, Associate Dean, Natural Science and Mathematics
- Heather Moore, Student Advisor

### RECOMMENDED COURSES

The following are recommended courses for this major only. Students must still meet all requirements for the Associate of Science degree (see page 58) in order to graduate from Highland Community College. For more information, please see your student advisor.

#### Biology

* BIOL	208	Biology I: Cell & Molecular Biology	4
* BIOL	209	Biology II: Biodiversity, Evolution & Ecology	4
BIOL	120	Foundations of Anatomy and Physiology	5
* BIOL	211	General Microbiology	4

#### Chemistry

* CHEM	123	General College Chemistry I	5
* CHEM	124	General College Chemistry II	5
* CHEM	220	Elementary Organic Chemistry	3
* CHEM	225	Elementary Organic Chemistry Lab	1

#### Mathematics

* MATH	168	Analytic Geometry & Calculus I	5
* MATH	268	Analytic Geometry & Calculus II	5

\* Course has a prerequisite. See course descriptions.