PHYSICS (411)

Associate of Science

ABOUT OUR PROGRAM
This program is intended to provide the first two years of a four-year baccalaureate program. Majors in Physics examine natural phenomena at the fundamental level. Through observation, measurement, and mathematical analysis of processes, Physics seeks to discover the underlying principles and concepts.

NATURE OF WORK AND EMPLOYMENT
The four most common jobs people have one year after completion of their Bachelor’s degree in this major are researcher, science technician, electrical/electronics engineer, and computer analyst.

SPECIAL CONSIDERATIONS
Those interested in this field should possess a strong aptitude for mathematics and science as well as an interest and curiosity about natural phenomena. 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:
   Ms. Cecilia Gloden, 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 50) in order to graduate from Highland Community College. For more information, please see your student advisor.

* CHEM 123 General College Chemistry I  5
* CHEM 124 General College Chemistry II 5
* MATH 168 Analytic Geometry & Calculus I  5
* MATH 268 Analytic Geometry & Calculus II  5
* MATH 269 Analytic Geometry & Calculus III  4
* MATH 262 C Prog. for Science & Engineering  4
* MATH 265 Differential Equations 3
* PHYS 143 General Physics I  4
* PHYS 144 General Physics II  4
* PHYS 145 General Physics III  4

* Course has a prerequisite. See course descriptions.