COMPUTER SCIENCE (407)

Associate of Science

ABOUT OUR PROGRAM
This program is intended to provide the first two years of a baccalaureate program. Majors in this program study the theory, design, development, and application of computer technology for storing and manipulating data and managing information.

NATURE OF WORK AND EMPLOYMENT
Computer Science majors need to be well organized, precise, and have attention for detail. They must interact with a wide variety of individuals in order to well define the computer assignments to be accomplished. Common jobs students have had one year after graduating from a four-year baccalaureate program in this major are computer programmer, systems analyst, network analyst, information system specialist, and systems manager.

SPECIAL CONSIDERATIONS
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:
Mr. Scott Anderson, Dean of Business & Technology
Mr. Jeremy Monigold, Information Systems Faculty
Ms. Vicki Schulz, 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 62) in order to graduate from Highland Community College. For more information, please see your student advisor.

+ INFT  180  Introduction to Information Systems  3
+ INFT  190  Principles of Computer Science I  3
+ INFT  290  Principles of Computer Science II  3
+ MATH  168  Analytic Geometry & Calculus I  5
+ MATH  268  Analytic Geometry & Calculus II  5

* Course has a prerequisite. See course descriptions.

NOTE: Students should check with their student advisor or a computer science faculty member to ensure their choices in the math and science elective areas are appropriate.