

ASSOCIATE IN APPLIED SCIENCE DEGREES

ASSOCIATE IN APPLIED SCIENCE COMPUTER AND INFORMATION TECHNOLOGIES

(60 hrs. min.)

CIP: 11.0101

This degree provides students with the skills necessary to enter the workplace technically competent in the fields of computers and technology. It combines theoretical learning and industry certification preparation with the benefits of hands-on training and exercises to provide a breadth of knowledge in the computer information technology field.

PROGRAM OUTCOMES

Upon completion of this program, students will be able to:

- Design, assemble and evaluate computer hardware systems.
- Examine, differentiate and manage the use of computer operating systems.
- Assess, determine and utilize the advance functions of desktop software applications.
- Diagram, build, examine and restructure computer network systems.
- Describe, discuss and explain basic programming concepts.

GENERAL EDUCATION REQUIREMENTS: (26 HRS. MIN.)

Communications (6 hrs.)

ENGL 111 Composition and Rhetoric (3)

ENGL 216 Technical Writing (3)

Humanities (3 hrs.)

Behavioral/Social Sciences (3 hrs.)

Math (4 hrs.)

MATH 121L College Algebra (4)

[or]

MATH 150 Pre-Calculus (4)

Science (4 hrs.)

Computers/Technology (4)

CITC 111 Computer and Technology (4)

Health, Physical Education and Recreation or Dance (2 hrs. min.)

CORE REQUIREMENTS: (25 HRS.)

CISC 111 Introduction to Computer Science (3)

[and]

CISC 111L Introduction to Computer Science Lab (1)

CISC 125 Introduction to Programming (4)

CITC 112 Hardware/Software Fundamentals (4)

CITC 122 Computer Networks (3)

CITC 219 IT Lab (3)

CITC 298 Internship (3)

[or]

CITC 299 Cooperative Education (3)

OFTC 111 Business Software Essentials I (4)

APPROVED ELECTIVES (9 HRS.)

Students must work closely with program advisors to select 9 hours.

Note: See “College Success Course Requirement” on Page 8.

TOTAL 60 CREDITS MIN.