

Technical and Vocational Programs

A 25 50 0 Computer Technology Integration – Associate in Applied Science

This program is suspended for the 2017-2018 academic year pending termination.

The Computer Technology Integration (CTI) curriculum offers technical concentrations that prepare graduates for employment as computer support technicians, systems administrators, application support assistants, and programmers. The program will incorporate the competencies of industry-recognized certification exams.

Employment Opportunities

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information.

Degree and Certificate Options

Computer Technology Integration - Associate in Applied Science

- Information Technology Specialization (A25500IT)
 - Network Administration Certificate (C25500INA)
 - PC Support Desktop Certificate (C25500IPC)
 - Database Management Certificate (C25500IDM)
- Office Administration Specialization (A25500OA)
 - Receptionist Skills Certificate (C25500ORS)
 - Software Specialist Certificate (C25500OSS)
- Computer Programming Specialization (A25500CP)
 - Programming Certificate (C25500CP)
- Computer Electronics Specialization (A25500PC)
 - PC Tech Certificate (C25500CPC)
 - Electronics Tech Certificate (C25500CET)



Student Learning Outcomes

Computer programming Specialization

1. In a project-oriented setting, the student will demonstrate the ability to analyze the needs of a software-development project; and develop, code, and test an appropriate software solution to implement the project.
2. Communicate programming-related concepts effectively through the delivery of a major project report and final project oral presentation.
3. Identify methods to evaluate digital content for validity and usefulness

Information Technology Specialization

1. In a project-oriented setting, the student will demonstrate the ability to analyze the needs of a system administration or database project and select, install, and configure appropriate hardware and software to implement the project.
2. Communicate concentration-related material effectively, both written and oral, with a range of audiences
3. Identify methods to evaluate digital content for validity and usefulness.

Computer Electronics Specialization

1. In a project-oriented setting, the student will demonstrate the ability analyze the needs of the computer-electronics based project and identify, install, and configure appropriate hardware and software to implement the project.
2. Communicate concentration-related material effectively, both written and oral, with a range of audiences
3. Identify methods to evaluate digital content for validity and usefulness.

Office Administration Specialization

1. The student will demonstrate a proficiency in administrative skills as demonstrated by the successful completion of either a Microsoft Office Certification (MOS) in Word, Excel, Access, or PowerPoint or successful completion of KeyTrain certificate.
2. Communicate concentration-related material effectively, both written and oral, with a range of audiences
3. Identify methods to evaluate digital content for validity and usefulness.