

Computer Information Technology (CIP 11.0201)

281-756-3783

Associate of Applied Science Degree Program (A.A.S.) - Articulated Credit

Purpose: The Computer Information Technology program is designed primarily for students seeking a certificate or associate of applied science (A.A.S.) degree. The computer information technology curriculum prepares graduates for employment with organizations that use computers to process, manage, and communicate information. Emphasis is placed on the use of computer languages in the solution of business and scientific problems, design and development of Web pages, desktop computer hardware and software support, installation and maintenance of networks, and database design.

Program Requirements: Upon completion of the two-year curriculum, with an overall grade point average of 2.0 for all computer courses attempted, the student will be awarded the Associate of Applied Science Degree with a major in Computer Information Technology.

| <i>Course Number</i> | <i>Course Title</i> | <i>Credits</i> |
|---|--|----------------|
| FIRST YEAR | | |
| First Semester | | |
| + PSYC 1300 | Learning Framework | 3 |
| BCIS 1305 | Business Computer Applications | 3 |
| ITSE 1331 | Introduction to Visual BASIC Programming | 3 |
| + ENGL 1301 | Composition I | 3 |
| ITNW 1313 | Computer Virtualization | 3 |
| Second Semester | | |
| COSC 1436 | Programming Fundamentals I - C++ | 4 |
| + Life & Physical Sciences | Life & Physical Sciences Core Curriculum | 3 |
| ITNW 1358 | Network+ | 3 |
| + MATH 1314 | College Algebra | 3 |
| ITMT 1302 | Windows Seven Configuration | 3 |
| SECOND YEAR | | |
| First Semester | | |
| COSC 1437 | Programming Fundamentals II - JAVA | 4 |
| ITNW 1325 | Fundamentals of Networking | 3 |
| IMED 2415 | Web Design | 4 |
| + Creative Arts or | Select from Creative Arts Core Curriculum or | 3 |
| + Language, Philosophy & Culture | Select from Language, Philosophy & Culture Core Curriculum | |
| Second Semester | | |
| * COSC 2436 | Programming Fundamentals III - Oracle | 4 |
| ITSW 1404 | Introduction to Spreadsheets | 4 |
| + Social & Behavioral Sciences | Select from Social & Behavioral Sciences Core Curriculum | 3 |
| ITSE 2409 | Database Programming | 4 |
| Minimum Total Credits Required for A.A.S. Computer Information Technology Degree..... | | 60 |

+ Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

*Capstone Course

This plan provides courses for preparation for the following certifications:

CompTIA Network+ Certification (ITNW 1358 and ITNW 1325)

Microsoft Certified IT Professional (MCITP) Certification (ITMT 1302)

This degree has a 2+2 agreement with other universities.