

Computer Information Technology - Computer Programming (CIP 11.0201)

281-756-3782

Associate of Applied Science Degree Program (A.A.S.)

Purpose: The Computer Information Technology program is designed primarily for students seeking an 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 successful completion of the two-year curriculum, 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		
BCIS 1305	Business Computer Applications	3
+ ENGL 1301	Composition I	3
ITNW 1313	Computer Virtualization	3
ITSE 1331	Introduction to Visual BASIC Programming	3
+ PSYC 1300	Learning Framework	<u>3</u>
		15
Second Semester		
COSC 1436	Programming Fundamentals I - C++	4
ITMT 1302	Windows Seven Configuration	3
ITNW 1358	Network+	3
+ Life & Physical Sciences	Life & Physical Sciences Core Curriculum	3
+ MATH 1314	College Algebra	<u>3</u>
		16
SECOND YEAR		
First Semester		
+ Creative Arts or	Select from Creative Arts Core Curriculum or	3
+ Language, Philosophy & Culture	Select from Language, Philosophy & Culture Core Curriculum	
COSC 1437	Programming Fundamentals II - JAVA	4
IMED 2415	Web Design	4
ITNW 1325	Fundamentals of Networking	<u>3</u>
		14
Second Semester		
* COSC 2436	Programming Fundamentals III - Oracle	4
ITSE 2409	Database Programming	4
ITSW 1404	Introduction to Spreadsheets	4
+ Social & Behavioral Sciences	Select from Social & Behavioral Sciences Core Curriculum	<u>3</u>
		15

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 Technical Associate (MT) Certification (ITMT 1302)