

CIT, APPLICATIONS PROGRAMMING AND SUPPORT, ASSOCIATE OF APPLIED SCIENCE



Plan of Study

3IT-APPS

First Year

First Term		Credits
ITSC 1305	Introduction to PC Operating Systems	3
ITSC 1309	Integrated Software Applications I	3
ITSC 1325	Personal Computer Hardware	3
ITNW 1325 or ITCC 1314	Fundamentals of Networking Technologies or CCNA 1: Introduction to Networks	3
ITSE 1329	Programming Logic and Design	3
Credits		15

Second Term

ITSE 1302	Computer Programming	3
ITSC 1319	Internet/Web Page Development	3
ITSW 1307	Introduction to Database	3
ENGL 1301	Composition I	3
Select one from the following:		3
SPCH 1311	Introduction to Speech Communication	
SPCH 1315	Public Speaking	
SPCH 1318	Interpersonal Communication	
SPCH 1321	Business and Professional Communication	
Credits		15

Second Year

First Term		Credits
ITSE 1359	Introduction to Scripting Languages	3
ITSE 1311	Beginning Web Programming	3
ITSY 1342	Information Technology Security	3
ENGL 1302 or ENGL 2311	Composition II or Technical and Business Writing	3

Mathematics		3
Credits		15
Second Term		
ITSE 2359	Advanced Computer Programming	3
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
ITSC 2364 or ITSE 2321	Practicum - Computer and Information Sciences, General or Object-Oriented Programming	3
Select two (2) of the following: Approved Electives		6
Credits		15
Total Credits		60

Capstone Experience: ITSE 2359 Advanced Computer Programming

**Students must be Texas Success initiative (TSI) complete in order to graduate: Math level 8.

Approved Electives

Code	Title	Credits
GAME 1303	Introduction to Game Design and Development	3
ITSE 1333	Mobile Applications Development	3
ITSE 2309	Database Programming	3
ITSC 1315	IT Project Management	3
ITSC 1316	Linux Installation and Configuration	3
ITSC 1321	Intermediate PC Operating Systems	3
ITNW 1309	Fundamentals of Cloud Computing	3
ITNW 1313	Computer Virtualization	3
ITNW 1354	Implementing and Supporting Servers	3
ITNW 2353 or ITCC 1344	Advanced Routing and Switching CCNA 2: Switching, Routing, and Wireless Essentials	3
ITSY 2300	Operating System Security	3
ITSY 2301	Firewalls and Network Security	3