

CIT, APPLICATIONS PROGRAMMING SPECIALTY, ASSOCIATE OF APPLIED SCIENCE



Plan of Study

All Campuses
3IT-APPL

First Term		Credits
ITSC 1305	Introduction to PC Operating Systems	3
ITSC 1309	Integrated Software Applications I	3
ITNW 1325 or ITCC 1314	Fundamentals of Networking Technologies or CCNA 1: Introduction to Networks	3
ITSE 1329	Programming Logic and Design	3
ITSE 1331	Introduction to Visual BASIC Programming	3
Credits		15
Second Term		
ITSC 1319	Internet/Web Page Development	3
ITSE 1307	Introduction to C++ Programming	3
ITSW 1307	Introduction to Database	3
ENGL 1301	Composition I	3
SPCH 1321	Business and Professional Speech	3
Credits		15
Third Term		
ITSE 2331	Advanced C++ Programming	3
ITSC 1325	Personal Computer Hardware	3
Approved Elective (p. 1)		3
Select one of the following:		3
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	
MATH 1314	College Algebra (or higher)	
Life and Physical Sciences (Natural Science)		

ENGL 2311 or ENGL 1302	Technical and Business Writing or Composition II	3
Credits		15
Fourth Term		
SOCI 1301	Introduction to Sociology	3
Approved Elective (p. 1)		3
Language, Philosophy, and Culture (Humanities) or Creative Arts (Fine Arts)		3
ITSE 2317	Java Programming	3
Select one of the following:		3
ITSC 2364	Practicum - Computer and Information Sciences, General	
Approved Elective (p. 1)		
Credits		15
Total Credits		60

Capstone Experience: ITSE 2317 Java 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
ITSC 1307	UNIX Operating System I	3
ITSC 1321	Intermediate PC Operating Systems	3
ITSE 1345	Introduction to Oracle SQL	3
ITSY 1342	Information Technology Security	3