CIT, APPLICATIONS PROGRAMMING AND SUPPORT, CERTIFICATE OF TECHNOLOGY

Plan of Study

4IT-APPS

First Year

First Term		Credits
ITSC 1305	Introduction to PC Operating Systems	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	**12**

Second Term		
ITSE 1302	Computer Programming	3
ITSW 1307	Introduction to Database	3
ITSC 1319	Internet/Web Page Development	3
ITSE 1359	Introduction to Scripting Languages	3
	Credits	**12**

Second Year

First Term		
ITSE 2359	Advanced Computer Programming	3
ITSC 2364 or ITSE 2321	Practicum - Computer and Information Sciences, General or Object-Oriented Programming	3
Appoved Elective		3
	Credits	**9**
	Total Credits	**33**

Capstone Experience: ITSE 2359 Advanced Computer Programming

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 1342	Information Technology Security	3
ITSY 2300	Operating System Security	3
ITSY 2301	Firewalls and Network Security	3