

Computer Information Technology - General Computer Data Processing Certificate Program

Length: Two-Semester (One-Year) Program

Purpose: The general computer data processing curriculum provides students with an introduction to data processing and allows persons already engaged in business and industry to increase their computer knowledge.

Program Requirements: The curriculum includes technical courses in computer science. Each student is urged to consult with the Office of Admissions & Academic Advising or faculty advisor. Upon satisfactory completion of the two semester curriculum, with an overall 2.0 grade point average for all computer science courses attempted, the student will be awarded the Certificate in Computer Information Technology (General Computer Data Processing).

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
First Semester				
BCIS 1405	Business Computer Applications	3	3	4
ITSE 1422 (or BCIS 1420) or COSC 1420	Introduction to C Programming or C++ Programming	3	3	4
ITNW 1358	Network +	2	2	3
ITNW 1325	Fundamentals of Networking	2	2	3
MATH 1314	College Algebra	<u>3</u>	<u>0</u>	<u>3</u>
		13	10	17
Second Semester				
ITSE 1431 or BCIS 1431	Introduction to Visual BASIC Programming or Programming in Visual Basic	3	3	4
*ITSE 2413	Web Authoring	3	3	4
ITMT 1302	Windows Vista Configuration	2	2	3
ITMT 1340	Implementing Microsoft Win 2003 Server Op	<u>2</u>	<u>2</u>	<u>3</u>
		10	10	14
*Capstone Course				
Total Credits Required for General Computer Data Processing Certificate.				31

Computer Information Technology - Networking Certificate Program

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
First Semester				
BCIS 1405	Business Computer Applications	3	3	4
CPMT 1411	Introduction to Computer Maintenance	3	3	4
1st Mini ITNW 1358	Network +	2	2	3
2nd Mini ITNW 1325	Fundamentals of Networking	<u>2</u>	<u>2</u>	<u>3</u>
		10	10	14
Second Semester				
1st Mini ITMT 1302	Windows Vista Configuration	2	2	3
2nd Mini *ITMT 1340	Implementing Windows Server 2003 Op. System	2	2	3
1st Mini ITMT 1350	Implementing Window Server 2003 Infrastructure	3	3	3
CPMT 2445	Computer System Troubleshooting	<u>3</u>	<u>3</u>	<u>4</u>
		10	10	13

This plan provides courses for preparation for the following certifications:

CompTIA Network+ Certification (ITNW 1358 and ITNW 1325)

CompTIA A+ Certification (CPMT 1411 and CPMT 2445)

Microsoft Certified Professional (MCP) Certification (ITMT 1300 and/or ITMT 1340)

This plan provides courses for preparation for 3 out of the 4 exams required for the Microsoft Certified Systems Administrator (MCSA) certification and 3 of the 7 exams required for the Microsoft Certified Systems Engineer (MCSE).

*Capstone Course

Total Credits Required for Computer Information Technology Networking Certificate.27