

Academic Certificate Computer Information Systems

CPG.CT

FIRST YEAR/FIRST SEMESTER			
Course #	Course Name	Credits	Notes
ENG-101	English Composition I	3	Must test into ENG-101 or complete all appropriate prerequisites
ACC-104	Financial Accounting	3	
CIS 105	Computer Literacy		
or CIS 206	Advanced Computer Concepts and Applications	3	CIS-206 Prerequisite: CIS-101 or CIS-105
CSC-171	Introductory Python Programming	3	
MGT-101	Introduction to Business	3	
FIRST YEAR/SECOND SEMESTER			
ACC-105	Managerial Accounting	3	Prerequisite: ACC-104
CIS-102	Spreadsheets	3	
CIS-181	Linux/UNIX Essentials	3	
CST-102	Introduction to Networking	3	
MTH....	Mathematics General Education Elective	3 or 4	Must test into College level Math or complete all appropriate prerequisites
TOTAL CREDITS		30/31	

PROGRAM DESCRIPTION

This certificate program develops software solutions to meet the growing demand for individuals skilled in the development and management of information systems. Students learn how to determine information needs, design appropriate information systems, manage those systems, and measure the systems' performance. It prepares students for careers in a rapidly changing technological world by training them to analyze business and organizational problems, challenges, and opportunities and to subsequently design, develop, implement and maintain computing solutions through the use of information and information technology.

PROGRAM STUDENT LEARNING OUTCOMES

At the end of the program, the graduate will be able to:

1. Perform fundamental skills of business, programming, and application software in a business/organizational computer environment.
2. Analyze, design, and implement an information systems approach to a business/organizational environment.
3. Demonstrate an understanding of relational database principles.

CONTACT PERSON

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