

Computer Information Systems – CERT

Certificate - CERT

Effective Date: 7/1/21-6/30/22 | CATALOG: UG21

FALL SEMESTER 1st YEAR		Credit Hours	<input checked="" type="checkbox"/>
ENGL101	English Composition I	3	<input type="checkbox"/>
BUSA101	Introduction to Business	3	<input type="checkbox"/>
COMS113	Introduction to Information Systems	3	<input type="checkbox"/>
COMS114	Introduction to Computer Science I	3	<input type="checkbox"/>
ECON101	Macroeconomics	3	<input type="checkbox"/>
TOTAL FALL SEMESTER		15	

WINTER SESSION 1st YEAR

SPRING SEMESTER 1st YEAR		Credit Hours	<input checked="" type="checkbox"/>
ACCT101	Accounting Principles I	3	<input type="checkbox"/>
CERT000	Certificate Electives	9	<input type="checkbox"/>
MATH106 or MATH110	Mathematical Concepts or Pre-Calculus I*	3	<input type="checkbox"/>
TOTAL SPRING SEMESTER		15	

SUMMER SESSION 1st YEAR

TOTAL PROGRAM	30
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Certificate Electives Recommended			
COMS115	Introduction to Computer Science II	3	<input type="checkbox"/>
COMS120	Computer Software Applications	3	<input type="checkbox"/>
COMS210	Systems Analysis & Design	3	<input type="checkbox"/>
COMS218	Database Management Systems	3	<input type="checkbox"/>
COMS221	Operating Systems	3	<input type="checkbox"/>
COMS230	Networks & Telecommunications	3	<input type="checkbox"/>
COMS239	Fundamentals of Computer Architecture	3	<input type="checkbox"/>
COMS240	Computer Information Systems Internship	3	<input type="checkbox"/>

***Recommended for students planning to enter the degree program.**

Students may need to first take some developmental courses that are designed to prepare students for the college-level coursework in their academic plan. This may add to the students' completion time. The number of credits students take each semester will determine when the student will complete his/her program of study.