

# Degree Completion Pathways

## *Map to Completion*

*Beginning in the Summer as a freshman student*

<b>Computer Information Systems</b>			
<b>Associate Degree/ Short Certificate</b>			
Full Time	Course Prefix	Course Title	Credit Hours
Summer Semester 1	CIS 149	Introduction to Computers	3
	CIS 146	Microcomputer Applications	3
	MTH 100	Intermediate College Algebra	3
	ENG 101	English Composition I	3
	ORI 101	Orientation to the College	1
Fall Semester 1	CIS150 or CIS 157	Program Logic Apple Development w/Swift	3
	CIS 207	Intro to Web Development	3
	ENG 102	English Composition II	3
	AREA II	Humanities Course	3
	<b>Congratulations!</b> <b>Computer Information Systems (9 Credit Hours) Short Certificate Awarded</b>		
Spring Semester 1	CIS 185	Computer Ethics- Elective Course	3
	CIS Elec	Elective	3
	CIS 251	C++ Programing	3
	Area III	4 Credit Hour Science	4
Summer Semester 2	CIS 246	Ethical Hacking	3
	CIS 249	Microcomputer Operating Systems (Windows)	3
	CIS Elect	Elective	3
	Area IV	History, Social, and Behavioral Science	3
<b>CIS220 is need as an elective for the Program Coding Certificate.</b> <b>Congratulations!</b> <b>Program Coding Short Certificate Awarded</b>			
Fall Semester 2	CIS 270	CISCO I	3
	CIS Elec	Elective	3
	CIS Elec	Elective	3
	CIS 281	System Analysis and Design	3
Spring Semester 2	CIS 268	Software Support	<b>3</b>
	CIS 269	Hardware Support	3
	CIS Elec	Elective	3
	BSS 220	Professional Transition	1
<b>Congratulations!</b> <b>Associate in Applied Science Degree in Computer Information Systems Awarded</b>			
<b>Computer Information Systems Short Certificate</b>			<b>Total Hours- 9</b>
<b>Computer Information Systems Short Certificate</b>			<b>Total Hours- 24</b>
<b>Associate in Applied Science Degree in Computer Information Systems</b>			<b>Total Hours- 72</b>

