

CIS – APP DEVELOPMENT BY SWIFT CONCENTRATION

AAS

Guided Pathway/Map

NOTE: The Guided Pathway below contain all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online.

ENG101	English Composition I	3
MTH100	Intermediate College Algebra	3
CIS146	Microcomputer Applications	3
CIS150	Introduction To Computer Logic	3
ORI 101/OR105	College Orientation	1-3
ORI104	WorkKeys	1
		Semester 1 Total: 14-16
CIS171	Linux I	3
Math or Natural Science	Choose one : BIO101 (Introduction to Biology I) BIO103 (Principles of Biology I) CHM104 (Introduction to General Chemistry) MTH112 (Precalculus College Algebra) PHS111 (Physical Science I) PHS112 (Physical Science II)	3-4
CIS212	Visual Basic Programming	3
CIS268	Software Support	3
		Semester 2 Total: 13
SPH106/107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
Area IV Elective	Choose one ANT200 (Introduction to Anthropology) OR ECO231 (Principles of Macroeconomics) OR ECO232 (Principles of Microeconomics) OR GEO 100 (World Regional Geography) OR HIS101/102 (Western Civ I or II) OR HIS201/202 (US History I or II) OR HIS121/122 (World History I or II) OR POL211 (American National Government) OR PSY200 (General Psychology) OR SOC200 (Introduction to Sociology)	3
BUS241	Principles of Accounting I	3
CIS161	Introduction to Networking Communications	3
CIS211	Principles of Information Assurance	3
		Semester 3 Total: 15
CIS113	Spreadsheet Software Applications	3
CIS157	Introduction to App Development with Swift	3
CIS207	Web Development	3
CIS220	App Development with Swift 1	3
CIS Elective	Refer to College Catalog	3
		Semester 4 Total: 15

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CIS117	Database Management Software Applications	3
CIS208	Web Authoring Software	3
CIS227	App Development with Swift II	3
CIS269	Hardware Support	3
		Semester 5 Total: 12
		Program Total: 69-71