



PATHWAYS

Your Guide
to Completion

CIS - SOFTWARE APPLICATIONS Associate of Applied Science Degree

	Course #	Course Name	Credit Hours
Semester 1	ORI 101/ ORI 105	College Orientation OR Orientation and Student Success	1-3
	ENG 101	English Composition I	3
	MTH 100	Intermediate College Algebra	3
	CIS 146	Microcomputer Applications	3
	CIS 150	Introduction To Computer Logic	3
			Semester Total: 13-15
Semester 2	CIS 134	IT Fundamentals	3
	CIS 171	Linux I	3
	AREA III Elective	Science/Math Elective	3-4
	CIS 202	Python Programming	3
	CIS 268	Software Support	3
			Semester Total: 15-16
Semester 3	SPH 106/ SPH 107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
	Area IV Elective	History/Social/Behavioral Science Elective	3
	CIS 161	Introduction to Networking Communications	3
	CIS 245	Cyber Defense	3
			Semester Total: 12
Semester 4	CIS 113	Spreadsheet Software Applications	3
	CIS 207	Web Development	3
	CIS 251	C++ Programming	3
	CIS 212	Visual Basic Programming	3
		ELIGIBLE FOR STACKABLE STC - WEB Development	Semester Total: 12
Semester 5	CIS 117	Database Management Software Applications	3
	CIS 182	Help Desk Applications	3
	CIS 269	Hardware Support	3
	CIS 285	Object-Oriented Programming	3
		ELIGIBLE FOR STACKABLE STC - Software Applications ELIGIBLE FOR STACKABLE STC - Programming Essentials	Semester Total: 12
		ELIGIBLE FOR AAS - Software Applications	Program Total: 64-67

NOTE: The Guided Pathway provided above includes all the necessary coursework for degree/certificate fulfillment. However, courses can be offered or taken in alternate semesters, provided prerequisites are fulfilled. Courses may be scheduled during daytime, evening, hybrid, or online sessions. For specific course requirements, consult the ALABAMA TRANSFERS GUIDE @ <https://alabamatransfers.com> or contact the transfer institution.