



PATHWAYS



**YOUR MAP TO
COMPLETION**

Computer Science – Programming

Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
	CIS 134	IT Fundamentals	3	Fa Sp	Required V
	CIS 150	Intro. to Computer Logic & Programming	3	Fa Sp Su	Required V
	CIS 199	Network Communication	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	*MTH 100	Intermediate College Algebra	3	Fa Sp Su	Required III
Semester 2	CIS 211	Principles of Information Assurance	3	Fa Sp Su	Required V
	CIS 249	Microcomputer Operating Systems	3	Fa Sp Su	Required V
	CIS 251	C++ Programming	3	Fa Sp	Required V
	ENG 102	English Composition II	3	Fa Sp Su	Required I
	*MTH 112	Pre-Calculus	3	Fa Sp Su	Required III
Semester 3	CIS 146	Microcomputer Applications	3	Fa Sp Su	Required V
	CIS 203	Introduction to the Information Highway	3	Fa Sp Su	Required V
	*IDS 102	Ethics	3	Fa Sp Su	Required II
	*PSY200	General Psychology	3	Fa Sp Su	Required IV
Semester 4	CIS 157	Intro. to App Development with SWIFT	3	Fa	Required V
	CIS 212	Visual Basic Programming	3	Fa Sp	Required V
	CIS 219	Android App Development	3	Fa	Required V
	CIS 222	Database Management Systems	3	Fa	Required V
Semester 5	BUS 215	Business Communication	3	Sp	Required IV
	CIS 202	Python Programming	3	Sp Su	Required V
	CIS207	Web Development	3	Fa Sp Su	Required V
	CIS 281	Systems Analysis and Design	3	Sp	Required V
Computer Science – Programming AAS Total Hours 67					
Computer Science Programming Short-Term Certificate Total Hours 12					
Computer Science Information Technology Short-Term Certificate Total Hours 12					

* May be substituted with advisor's approval.

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>

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