



PATHWAYS



YOUR MAP TO
COMPLETION

WALLACE STATE
HANCEVILLE • ONEONTA

*Student Name:	Student Number:
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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	V
	CIS 134	IT Fundamentals	3	Fa Sp	III
	CIS 150	Intro to Computer Logic and Programming	3	Fa Sp	V
	CIS 149	Introduction to Computers	3	Fa Sp	V
	ENG 101	English Composition I	3	Fa Sp Su	I
	MTH 100	Intermediate College Algebra	3	Fa Sp Su	III
Semester 2	CIS 211	Principles of Information Assurance	3	Fa Sp Su	V
	CIS 199	Network Communications	3	Fa Sp Su	V
	CIS 251	C++ Programming	3	Fa Sp	V
	ENG 102	English Composition II	3	Fa Sp Su	I
	MTH 112	Precalculus Algebra	3	Fa Sp Su	III
Semester 3	CIS 146	Microcomputer Applications	3	Fa Sp Su	V
	CIS 171	Linux I	3	Sp Su	V
	CIS 202	Python Programming	3	Sp Su	V
	PSY 200	General Psychology	3	Fa Sp Su	IV
Semester 4	CIS 157	Introduction to App Dev. With Swift	3	Fall	V
	CIS 255	JAVA Programming	3	Fall	V
	CIS 263	Computer Maintenance	3	Fa Sp	V
	CIS 222	Database Management Systems	3	Fall	V
Semester 5	CIS 284 or CIS 294	CIS Internship or Special Topics	3	Fa Sp Su	V
	IDS 102	Ethics	3	Fa Sp Su	II
	CIS 205	Control Languages and Utilities Application	3	Spring	V
	CIS 281	Systems Analysis and Design	3	Spring	V
Computer Science – Programming AAS Total Hours 67					
Computer Science Information Technology Short-Term Certificate Total Hours 12					
Computer Science Programming Short-Term Certificate Total Hours 12					