



PATHWAYS



**YOUR MAP TO
COMPLETION for
2026-2027**

General Studies with Concentration in Cybersecurity Associate in 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
	ENG 101	English Composition I	3	Fa Sp Su	I
	ART 100*	Art Appreciation	3	Fa Sp Su	II
	MTH 112	Precalculus Algebra	3	Fa Sp Su	III
	HIS 101*	Western Civilization I	3	Fa Sp Su	IV
	PSY 200*	General Psychology	3	Fa Sp Su	IV
Semester 2	ENG 102	English Composition II	3	Sa Sp Su	I
	HUM 102*	Introduction to Humanities II	3	Fa Sp Su	II
	HIS 102*	Western Civilization II	3	Fa Sp Su	IV
	CIS 251	C++ Programming	3	Fa Sp	V
	MTH 113	Precalculus Trigonometry	3	Fa Sp Su	V
Semester 3	IDS 102*	Ethics	3	Fa Sp Su	II
	BIO 103*	Principles of Biology I	4	Fa Sp Su	III
	CIS 211	Principals of Information Assurance	3	Fa Sp Su	V
	MTH 125	Calculus I	4	Fa Sp Su	V
Semester 4	ENG 251*	American Literature I	3	Fa Sp Su	II
	MTH 126	Calculus II	4	Fa Sp	III
	ECO 231*	Principles of Macroeconomics	3	Fa Sp Su	IV
	BIO 104*	Principles of Biology II	4	Fa Sp Su	V
	CIS 245	Cyber Defense	3	Sp	V
Cybersecurity AS TOTAL HOURS 62					
General Education Short-Term Certificate Total Hours 29					

*May be substituted per Computer Science Instructor's approval

WALLACE STATE
HANCEVILLE • ONEONTA