



PATHWAYS



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

General Studies

with concentration in Pre-Engineering

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
	MUS 101*	Music Appreciation	3	Fa Sp Su	II
	MTH 125	Calculus I	4	Fa Sp Su	III
	HIS 201*	United States History I	3	Fa Sp Su	IV
	CIS 251*	C++ Programming	3	Fa Sp	V
Semester 2	ENG 102	English Composition II	3	Fa Sp Su	I
	PHL 206*	Ethics and Society	3	Fa Sp Su	II
	MTH 126	Calculus II	4	Fa Sp Su	III
	HIS 202*	United States History II	3	Fa Sp Su	IV
	PSY 200*	General Psychology	3	Fa Sp Su	IV
Semester 3	ENG 251*	American Literature I	3	Fa Sp Su	II
	PHY 213	General Physics with Calculus I	4	Fa	III
	CHM 111	College Chemistry I	4	Fa Sp Su	V
	MTH 227	Calculus III	4	Fa Sp Su	V
Semester 4	ENG 252*	American Literature II	3	Fa Sp Su	II
	SOC 200*	Introduction to Sociology	3	Fa Sp Su	IV
	CHM 112	College Chemistry II	4	Fa Sp	V
	PHY 214	General Physics with Calculus II	4	Sp	V
Pre-Engineering AS Total Hours 62					
General Education Short-Term Certificate Total Hours 29					

*May be substituted per Advisor's approval

**For all Engineering majors, Area II and Area IV may be reduced to 9 credit hours; the recommended substitutions for these courses include but are not limited to MTH 237 and MTH 238

WALLACE STATE
HANCEVILLE • ONEONTA