



PATHWAYS



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

Advanced Engineering Technology Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Title	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Orientation	1	Fa Sp Su	IV
	ENG 101	English Composition I	3	Fa Sp Su	I
	ADM 102	Computer Aided Design	3	Fa Sp Su	V
	EGR 100	Engineering Orientation	1	Fa Su	V
	EGR 125	Modern Graphics for Engineers	3	Fa Sp	V
	ENT 212	CAD for Electronics	3	Fa Sp	V
Semester 2	MTH 113	Precalculus Trigonometry	3	Fa Sp Su	III
	HIS 201*	United States History I	3	Fa Sp, Su	IV
	ADM 108	Intro to 3D Modeling	3	Fa Sp	V
	ADM 160+	Additive Manufacturing Production Techniques	3	Sp Su	V
	CMT 114	10 Hour OSHA Construction Safety	1	Fa Sp Su	V
	ENT 127	Mechanical Drawing	3	Sp	V
Semester 3	MTH 125	Calculus I	4	Fa Sp Su	III
	ADM 101	Precision Measurement	3	Su	V
	ADM 208+	Intermediate 3D Modeling	3	Sp Su	V
	ENT 217	Machine Design	3	Su	V
	MDT 100+	Engineering Blueprints	3	Su	V
Semester 4	ENG 102	English Composition II	3	Fa Sp Su	I
	ENG 251*	American Literature	3	Fa Sp Su	II
	IDS 102*	Ethics	3	Fa Sp Su	II
	HIS 202*	United States History II	3	Fa Sp Su	IV
	ADM 261	Reverse Engineering	3	Fa Sp	V
Advanced Engineering Technology AAS TOTAL HOURS 61					
Basic AutoCAD Short-Term Certificate TOTAL HOURS 9					

* May be substituted per Engineering Technology Instructor's approval

+ Other Options - ADM 114, AET 245, CDT 221

WALLACE STATE
HANCEVILLE • ONEONTA