



PATHWAYS



**YOUR MAP TO
COMPLETION for
2024-2025**

Engineering Technology

Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Title	Credit Hours	Semesters Offered	Area
Semester 1	ADM 102	Computer Aided Design	3	Fa Sp Su	V
	EGR 100	Engineering Orientation	1	Fa Sp Su	V
	EGR 125	Modern Graphics for Engineers	3	Fa Sp Su	V
	ENT 212	CAD for Electronics	3	Fa Sp Su	V
	ENG 101	English Composition I	3	Fa Sp Su	I
	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
Semester 2	ADM 101	Precision Measurement	3	Fa Sp Su	V
	CDT 205	Fundamentals of Surveying	3	Fa Sp Su	V
	CMT 114	10 Hour OSHA Construction Safety	1	Fa Sp Su	V
	ENT 128	Advanced Computer Aided Drafting	3	Fa Sp Su	V
	MTH 100	Intermediate College Algebra	3	Fa Sp Su	III
Semester 3	ADM 108	Intro to 3D Modeling	3	Fa Sp Su	V
	ENT 127	Mechanical Drawing	3	Fa Sp Su	V
	ENT 215	Architectural Drawing	3	Fa Sp Su	V
	*MDT 100	Engineering Blueprints	3	Fa Sp Su	V
	MTH 112	Precalculus Algebra	3	Fa Sp Su	III
Semester 4	*ADM 208	Intermediate 3D Modeling	3	Fa Sp Su	V
	ADM 261	Reverse Engineering	3	Fa Sp Su	V
	*CDT 221	Structural Drafting for Technicians	3	Fa Sp Su	V
	*HIS 201	United States History I	3	Fa Sp Su	IV
Semester 5	*AET 245	Advanced Design	3	Fa Sp Su	V
	ENT 217	Machine Design	3	Fa Sp Su	V
	*IDS 102	Ethics	3	Fa Sp Su	II
	+MDT 261	HVAC & Pipe Systems Design	3	Fa Sp Su	V
Engineering Technology AAS TOTAL HOURS 66					
Basic AutoCAD Short-Term Certificate TOTAL HOURS 9					
Advanced Design Short-Term Certificate TOTAL HOURS 15					
Mechanical Engineering Technology Short-Term Certificate TOTAL HOURS 27					

* May be substituted per Engineering Technology Instructor's approval

WALLACE STATE
HANCEVILLE • ONEONTA