



PATHWAYS



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

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 Seminar	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 100	Intermediate College Algebra	3	Fa Sp Su	III
	ADM 108	Intro to 3D Modeling	3	Fa Sp	V
	CDT 205	Fundamentals of Surveying	3	Sp	V
	CMT 114	10 Hour OSHA Construction Safety	1	Fa Sp Su	V
	ENT 127	Mechanical Drawing	3	Sp	V
Semester 3	MTH 112	Precalculus Algebra	3	Fa Sp Su	III
	ADM 101	Precision Measurement	3	Su	V
	ENT 128	Advanced Computer Aided Drafting	3	Su	V
	ENT 217	Machine Design	3	Su	V
	MDT 100+	Engineering Blueprints	3	Su	V
Semester 4	ADM 208+	Intermediate 3D Modeling	3	Sp Su	V
	ADM 261	Reverse Engineering	3	Fa Sp	V
	AET 245+	Advanced Design	3	Fa Su	V
	CDT 221+	Structural Drafting for Technicians	3	Fa	V
Semester 5	IDS 102*	Ethics	3	Fa Sp Su	II
	HIS 201*	United States History I	3	Fa Sp Su	IV
	ENT 215	Architectural Drawing	3	Fa Sp	V
	MDT 261+	HVAC & Pipe Systems Design	3	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

+ Other Options – ADM 114, ADM 160, AET 200, AET 221, AET 290, BUC 133, BUC 142, CDT 223, CMT 102, ENT 216

