



PATHWAYS



**YOUR MAP TO
COMPLETION**

Engineering Technology					
Associate in Applied Science Option I / Short-Term Certificate					
Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ADM 102	Computer-Aided Design	3	Fa Sp Su	Required V
	EGR 100	Engineering Orientation	1	Fa Sp Su	Required V
	EGR 125	Modern Graphics for Engineers	3	Fa Sp Su	Required V
	ENT 212	CAD for Electronics	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
Semester 2	ADM 101	Precision Measurement	3	Fa Sp Su	Required V
	CDT 205	Fundamental of Surveying	3	Fa Sp Su	Required V
	CMT 114	OSHA	1	Fa Sp Su	Required V
	ENT 128	Advanced Computer Aided Drafting	3	Fa Sp Su	Required V
	MTH 100	Intermediate College Algebra	3	Fa Sp Su	Required III
Semester 3	ADM 108	Intro to 3D Modeling	3	Fa Sp Su	Required V
	ENT 127	Mechanical Drawing	3	Fa Sp Su	Required V
	ENT 215	Architectural Drawing	3	Fa Sp Su	Required V
	MDT 100	Engineering Blueprints	3	Fa Sp Su	Required V
	MTH 112	Pre-Calculus Algebra	3	Fa Sp Su	Required III
Semester 4	ADM 208	Intermediate 3D Modeling	3	Fa Sp Su	Required V
	ADM 261	Reverse Engineering	3	Fa Sp Su	Required V
	CDT 221	Structural Drafting for Technicians	3	Fa Sp Su	Required V
	HIS 201	United States History I	3	Fa Sp Su	Required IV
Semester 5	AET 245	Advanced Design	3	Fa Sp Su	Required V
	ENT 217	Machine Design	3	Fa Sp Su	Required V
	IDS 102	Ethics	3	Fa Sp Su	Required II
	MDT 261	HVAC & Pipe Systems Drafting	3	Fa Sp Su	Required V
AAS TOTAL HOURS			66		
Additional	CDT 223	Civil Engineering Drafting	3		Required V
	AET 221	Energy Design of Buildings	3		Required V
	AET 290	Building Information Modeling (BIM)	3		Required V
	AET 200	Advanced Architectural CAD	3		Required V
	BUC 133	Building Codes	3		Required V
	CMT 102	Blueprint Reading for Construction	3		Required V
Mechanical Engineering Technology Short-Term Certificate Total Hours 27					
Civil Technology Short-Term Certificate Total Hours 25					
Advanced Design Short-Term Certificate Total Hours 15					
Architectural Engineering Technology Short-Term Certificate Total Hours 25					

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

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