



# PATHWAYS



**YOUR MAP TO  
COMPLETION  
2023-2024**

<b>Engineering Technology</b>					
Associate in Applied Science / Short-Term Certificate					
Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ADM 102	<b>Computer-Aided Design</b>	3	Fa Sp Su	Required V
	EGR 100	Engineering Orientation	1	Fa Sp Su	Required V
	EGR 125	<b>Modern Graphics for Engineers</b>	3	Fa Sp Su	Required V
	ENT 212	<b>CAD for Electronics</b>	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	Fundamentals of Surveying	3	Fa Sp Su	Required V
	CMT 114	10 Hour OSHA Construction Safety	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	<b>Intro to 3D Modeling</b>	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	Precalculus Algebra	3	Fa Sp Su	Required III
Semester 4	ADM 208	<b>Intermediate 3D Modeling</b>	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	<b>Advanced Design</b>	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
<b>Engineering Technology AAS TOTAL HOURS 66</b>					

Additional	CDT 223	Civil Engineering Drafting	3	Fa Sp Su	Required V
	AET 221	Energy Design of Buildings	3	Fa Sp Su	Required V
	AET 290	Building Information Modeling (BIM)	3	Fa Sp Su	Required V
	AET 200	Advanced Architectural CAD	3	Fa Sp Su	Required V
	BUC 133	Building Codes	3	Fa Sp Su	Required V
	CMT 102	Construction Blueprint Reading	3	Fa Sp Su	Required V
	ADM 160	Additive Mfg. Productions Techniques	3	Fa Sp Su	Required V
	ADM 114	Design Innovation	3	Fa Sp Su	Required V
<b>Mechanical Engineering Technology Short-Term Certificate Total Hours 27</b>					
<b>Civil Engineering Technology Short-Term Certificate Total Hours 25</b>					
<b>Advanced Design Short-Term Certificate Total Hours 15</b>					
<b>Architectural Engineering Technology Short-Term Certificate Total Hours 25</b>					
<b>Additive Manufacturing Short-Term Certificate Total Hours 21</b>					
<b>Basic AutoCAD Short-Term Certificate Total Hours 9</b>					
<b>3D Graphic Science Short-Term Certificate Total Hours 12</b>					

\*May be substituted per advisor's approval.

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

For transfer information to a four-year school: <https://alabamatransfers.com/>

