



PATHWAYS

Your Guide
to Completion

ENGINEERING GRAPHICS Associate of Applied Science Degree			
	Course #	Course Name	Credit Hours
Semester 1	ORI 101/ ORT 100/ ORI 105	Orientation to College OR Orientation for Career Students OR Orientation and Student Success	1-3
	Area II	Humanities and Fine Arts Elective	3
	CIS 146	Microcomputers Applications	3
	DDT 104	Basic Computer-Aided Drafting and Design	3
	DDT 111	Fundamentals of Drafting and Design Technology	3
		Semester Total: 13 - 15	
Semester 2	ENG 101	English Composition I	3
	MTH 116	MTH 116 or Higher	3
	DDT 124	Basic Technical Drawing	3
	DDT 127	Intermediate Computer-Aided Drafting and Design	3
	DDT 144	Basic 3D Modeling	3
		Eligible for AutoCAD Certification Exam ELIGIBLE FOR STACKABLE STC - CAD Operator	Semester Total: 15
Semester 3	DDT 150	Theory of Residential Drawing and Design	3
	DDT 155	Drawing for Residential Construction	4
	DDT 216	Design of Structural Wood Members	3
	WKO 106	Workplace Skills	3
		Eligible for NOCTI - Architectural Drafting Exam ELIGIBLE FOR STACKABLE STC - Architectural Graphics Technician	Semester Total: 13
Semester 4	DDT 128	Intermediate Technical Drawing	3
	DDT 213	Civil Drafting, Plat Maps	3
	DDT 233	Intermediate 3D Modeling	3
	DDT 244	Advanced Modeling	3
		Eligible for Inventor Certification Exam ELIGIBLE FOR STACKABLE STC - 3D Graphics Technician	Semester Total: 12
Semester 5	SPH 106/ SPH 107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
	AREA III Elective	Math/Science Elective	3-4
	Area IV Elective	History/Social/Behavioral Science Elective	3
	DDT 225	Structural Steel Drafting	3
		Eligible for SolidWorks Certification Exam ELIGIBLE FOR STACKABLE STC - Advanced Engineering Draftsman	Semester Total: 12-13
		ELIGIBLE FOR AAS - Engineering Graphics	Program Total: 65-68

NOTE: The Guided Pathway provided above includes all the necessary coursework for degree/certificate fulfillment. However, courses can be offered or taken in alternate semesters, provided prerequisites are fulfilled. Courses may be scheduled during daytime, evening, hybrid, or online sessions. For specific course requirements, consult the ALABAMA TRANSFERS GUIDE @ <https://alabamatransfers.com> or contact the transfer institution.

- All DDT classes (except DDT 111 and DDT 216) require DDT 104 as a pre-requisite.
- DDT 150 and DDT 155 are co-requisites.