

ENGINEERING GRAPHICS

Certificate

Guided Pathway/Map

NOTE: The Guided Pathway below contain all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online. *Please refer to your STARS guide or transfer institution for specific course requirements.

	Course #	Course Name	Sem. Hours
Semester 1	ORI101 OR ORT 100	Orientation to College OR Orientation for Career Students	1
	CIS146	Microcomputers Applications	3
	DDT104	Computer-Aided Drafting and Design	3
	DDT111	Fundamentals of Drafting and Design Technology	3
			Semester Total:10
Semester 2	ENG101	English Composition I	3
	MTH 116	Mathematics Applications or Higher	3
	DDT124	Basic Technical Drawing	3
	DDT127	Intermediate Computer-Aided Drafting and Design	3
	DDT144	Basic 3D Modeling	3
		Eligible for AutoCAD Certification Exam ELIGIBLE FOR STACKABLE STC CAD Operator	Semester Total: 15
Semester 3	SPH106 OR SPH107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
	DDT150	Theory of Residential Drawing and Design	3
	DDT155	Drawing for Residential Construction	4
	WKO106	Workplace Skills	3
			Semester Total: 13
Semester 4	DDT128	Intermediate Technical Drawing	3
	DDT213	Civil Drafting, Plat Maps	3

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	DDT225	Structural Steel Drafting	3
	DDT233	Intermediate 3D Modeling	3
		Eligible for NOCTI - Architectural Drafting Exam Eligible for STC Engineering Graphics	Semester Total: 12
		Eligible for Certificate Engineering Graphics	Program Total: 50