ENGINEERING DESIGN GRAPHICS GENERAL, CERTIFICATE OF TECHNOLOGY

Plan of Study

4DFTG-G

First Term		Credits
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1409	Basic Computer-Aided Drafting	4
	Credits	**7**
Second Term		
DFTG 1417	Architectural Drafting-Residential	4
DFTG 1445	Parametric Modeling and Design	4
DFTG 2423	Pipe Drafting	4
	Credits	**12**
Third Term		
DFTG 2407	Electrical Drafting	4
Select one course from the Electives list.		4
Select one course from the Electives list not previously selected.		4
	Credits	**12**
Fourth Term		
DFTG 2317	Descriptive Geometry	3
Select one course from the Electives list not previously selected.		4
DFTG 2386 or DFTG 2338	Internship-Drafting and Design Technology/Technician [1] or Final Project - Advanced Drafting	3
	Credits	**10**
	Total Credits	**41**

Capstone Experience:[1] DFTG 2386 Internship-Drafting and Design Technology/Technician or DFTG 2338 Final Project - Advanced Drafting

[1] The course selected to satisfy the Capstone Experience (DFTG 2386 Internship-Drafting and Design Technology/Technician or DFTG 2338 Final Project - Advanced Drafting) can only be taken during, or after, the term in which the last required engineering design graphics courses are completed.

Courses may be applied to earn the Certificate of Technology, then the Level 2 Certificate, and finally the Associate of Applied Science (AAS) degree.

Courses do not have to be taken in this order unless a course has a prerequisite.

For more detailed information on this program, contact the Department Chair or faculty.

Electives

Code	Title	Credits
ARCE 1415	Structural Steel Detailing	4
ARCE 1421	Architectural Illustration	4
ARCE 1452	Structural Drafting	4
DFTG 1430	Civil Drafting I	4
DFTG 1433	Mechanical Drafting	4
DFTG 2402	Machine Drafting	4
DFTG 2406	Machine Design	4
DFTG 2408	Instrumentation Drafting	4
DFTG 2421	Topographic Drafting	4
DFTG 2428	Architectural Drafting-Commercial	4
DFTG 2431	Advanced Technologies in Architectural Design and Drafting	4
DFTG 2435	Advanced Technologies in Mechanical Design and Drafting	4
DFTG 2440	Solid Modeling/Design	4
DFTG 2445	Advanced Pipe Drafting	4
DFTG 2450	Geometric Dimensioning and Tolerancing	4
DFTG 2457	Advanced Technologies in Pipe Design and Drafting	4
DFTG 2458	Advanced Machine Design	4