

ENGINEERING DESIGN GRAPHICS PETRO/ INDUSTRIAL SPECIALTY, ASSOCIATE OF APPLIED SCIENCE



Plan of Study

3DFT-PI

First Term		Credits
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1409	Basic Computer-Aided Drafting	4
Language, Philosophy, and Culture (Humanities) or Creative Arts (Fine Arts)		3
ENGL 1301	Composition I	3
Credits		13
Second Term		
DFTG 2317	Descriptive Geometry	3
DFTG 2421	Topographic Drafting	4
DFTG 2423	Pipe Drafting	4
Select one of the following:		3
SPCH 1311	Introduction to Speech Communication	
SPCH 1315	Public Speaking	
SPCH 1318	Interpersonal Communication	
SPCH 1321	Business and Professional Speech	
Credits		14
Summer Year One Term		
Social and Behavioral Sciences or Government/Political Science or American History		3
Credits		3
Third Term		
ARCE 1452	Structural Drafting	4
DFTG 2407	Electrical Drafting	4
DFTG 2445	Advanced Pipe Drafting	4
MATH 1332	Contemporary Mathematics (Quantitative	3
or MATH 1314	Reasoning)	
	or College Algebra	
Credits		15
Fourth Term		
DFTG 2408	Instrumentation Drafting	4

DFTG 1430	Civil Drafting I	4
DFTG 2457	Advanced Technologies in Pipe Design and Drafting	4
DFTG 2386 or DFTG 2338	Internship-Drafting and Design Technology/ Technician ¹ or Final Project - Advanced Drafting	3
Credits		15
Total Credits		60

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 when the courses are in the same specialty discipline.

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.