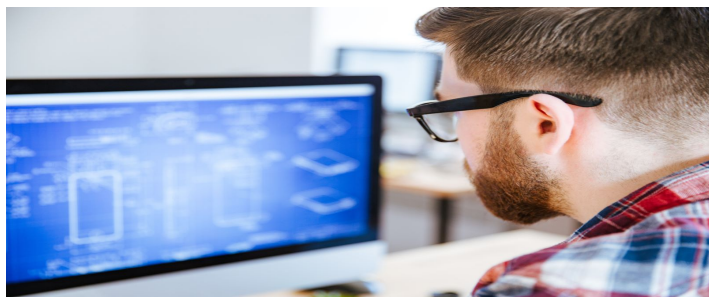


# ENGINEERING DESIGN GRAPHICS PETRO/ INDUSTRIAL SPECIALTY, LEVEL 2 CERTIFICATE



**Capstone Experience:**<sup>1</sup> DFTG 2386 Internship-Drafting and Design Technology/Technician or DFTG 2338 Final Project - Advanced Drafting

<sup>1</sup> 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.

## Plan of Study

5DFT-PI

First Term		Credits
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1409	Basic Computer-Aided 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	
<b>Credits</b>		<b>10</b>
Second Term		Credits
DFTG 2317	Descriptive Geometry	3
DFTG 2421	Topographic Drafting	4
DFTG 2423	Pipe Drafting	4
<b>Credits</b>		<b>11</b>
Third Term		Credits
ARCE 1452	Structural Drafting	4
DFTG 2407	Electrical Drafting	4
DFTG 2445	Advanced Pipe Drafting	4
MATH 1332 or MATH 1314	Contemporary Mathematics (Quantitative Reasoning) or College Algebra	3
<b>Credits</b>		<b>15</b>
Fourth Term		Credits
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 <sup>1</sup> or Final Project - Advanced Drafting	3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>51</b>