

# ENGINEERING DESIGN GRAPHICS ARCHITECTURAL/ CIVIL/STRUCTURAL SPECIALTY, LEVEL 2 CERTIFICATE

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>

**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-A

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
ARCE 1421 Architectural Illustration	4
DFTG 1417 Architectural Drafting-Residential	4
DFTG 2317 Descriptive Geometry	3
<b>Credits</b>	<b>11</b>
Third Term	Credits
ARCE 1452 Structural Drafting	4
DFTG 2421 Topographic Drafting	4
DFTG 2428 Architectural Drafting-Commercial	4
MATH 1332 Contemporary Mathematics (Quantitative Reasoning) or MATH 1314 Reasoning or College Algebra	3
<b>Credits</b>	<b>15</b>
Fourth Term	Credits
ARCE 1415 Structural Steel Detailing	4
DFTG 1430 Civil Drafting I	4
DFTG 2431 Advanced Technologies in Architectural Design and Drafting	4