

# ENGINEERING DESIGN GRAPHICS ARCHITECTURAL/ CIVIL/STRUCTURAL SPECIALTY, ASSOCIATE OF APPLIED SCIENCE



## Plan of Study

3DFT-A

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
<b>Credits</b>		<b>13</b>
Second Term		
DFTG 1417	Architectural Drafting-Residential	4
ARCE 1421	Architectural Illustration	4
DFTG 2317	Descriptive Geometry	3
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>14</b>
Summer Year One Term		
Social and Behavioral Sciences or Government/Political Science or American History		3
<b>Credits</b>		<b>3</b>
Third Term		
ARCE 1452	Structural Drafting	4
DFTG 2421	Topographic Drafting	4
DFTG 2428	Architectural Drafting-Commercial	4
MATH 1332	Contemporary Mathematics (Quantitative	3
or MATH 1314	Reasoning)	
	or College Algebra	
<b>Credits</b>		<b>15</b>
Fourth Term		
ARCE 1415	Structural Steel Detailing	4

DFTG 1430	Civil Drafting I	4
DFTG 2431	Advanced Technologies in Architectural 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>60</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.