

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



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.

Plan of Study

Central, North, and South campuses
5DFT-A

First Term		Credits
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1409	Basic Computer-Aided Drafting	4
Speech		3
Credits		10
Second Term		Credits
ARCE 1421	Architectural Illustration	4
DFTG 1417	Architectural Drafting-Residential	4
DFTG 2317	Descriptive Geometry	3
Credits		11
Third Term		Credits
ARCE 1452	Structural Drafting	4
DFTG 2421	Topographic Drafting	4
DFTG 2428	Architectural Drafting-Commercial	4
MATH 1332 or MATH 1314	Contemporary Mathematics (Quantitative Reasoning) (or higher) or College Algebra	3
Credits		15
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
DFTG 2386 or DFTG 2338	Internship-Drafting and Design Technology/Technician ¹ or Final Project - Advanced Drafting	3
Credits		15
Total Credits		51