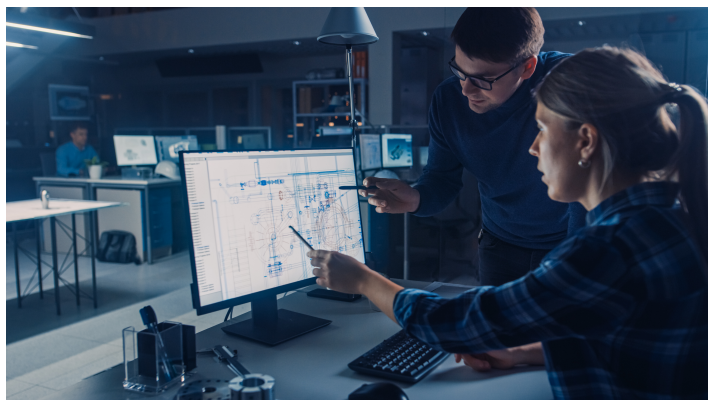


ENGINEERING DESIGN GRAPHICS GENERAL, LEVEL 2 CERTIFICATE



DFTG 2386 or DFTG 2338	Internship-Drafting and Design Technology/ Technician ¹ or Final Project - Advanced Drafting	3
Credits		15
Total Credits		51

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 .

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

5DFTG-G

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	
Credits	10
Second Term	Credits
DFTG 1417 Architectural Drafting-Residential	4
DFTG 1445 Parametric Modeling and Design	4
DFTG 2423 Pipe Drafting	4
Credits	12
Third Term	Credits
DFTG 2407 Electrical Drafting	4
Select one course from the Electives list.	4
DFTG 2317 Descriptive Geometry	3
MATH 1332 Contemporary Mathematics (Quantitative or MATH 1314 Reasoning) or College Algebra	3
Credits	14
Fourth Term	Credits
Select one course from the Electives list not previously selected.	4
Select one course from the Electives list not previously selected.	4
Select one course from the Electives list not previously selected.	4

Electives

Code	Title	Credits
ARCE 1415	Structural Steel Detailing	4
ARCE 1421	Architectural Illustration	4
ARCE 1452	Structural Drafting	4
DFTG 1430	Civil Drafting I	4
DFTG 1433	Mechanical Drafting	4
DFTG 2402	Machine Drafting	4
DFTG 2406	Machine Design	4
DFTG 2408	Instrumentation Drafting	4
DFTG 2421	Topographic Drafting	4
DFTG 2428	Architectural Drafting-Commercial	4
DFTG 2431	Advanced Technologies in Architectural Design and Drafting	4
DFTG 2435	Advanced Technologies in Mechanical Design and Drafting	4
DFTG 2440	Solid Modeling/Design	4
DFTG 2445	Advanced Pipe Drafting	4
DFTG 2450	Geometric Dimensioning and Tolerancing	4
DFTG 2457	Advanced Technologies in Pipe Design and Drafting	4
DFTG 2458	Advanced Machine Design	4