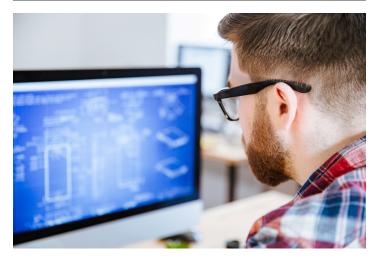
ENGINEERING DESIGN GRAPHICS GENERAL, ASSOCIATE OF APPLIED SCIENCE



Plan of Study

3DFTG-G

First Term		Credits
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1409	Basic Computer-Aided Drafting	4
ENGL 1301	Composition I	3
Language, Philoso Arts (Fine Arts)	ophy and Culture (Humanities) or Creative	3
	Credits	13
Second Term		
DFTG 1417	Architectural Drafting-Residential	4
DFTG 1445	Parametric Modeling and Design	4
DFTG 2423	Pipe Drafting	4
	Credits	12
Summer Year One	Term	
Social and Behavi	oral Sciences	3
Select one of the	following:	3
SPCH 1311	Introduction to Speech Communication	
SPCH 1315	Public Speaking	
SPCH 1318	Interpersonal Communication	
	Credits	6
Third Term		
DFTG 2407	Electrical Drafting	4
Select one course	from the Electives list. (p.)	4
DFTG 2317	Descriptive Geometry	3
MATH 1332 or MATH 1314	Contemporary Mathematics (Quantitative Reasoning) or College Algebra	3
	Credits	14

Fourth Term

	Total Credits	60
	Credits	15
	or Final Project - Advanced Drafting	
DFTG 2386 or DFTG 2338	Internship-Drafting and Design Technology/ Technician ¹	3
Select one course selected. (p.	from the Electives list not previously	4
Select one course selected. (p.	from the Electives list not previously	4
Select one course selected. (p.	from the Electives list not previously	4

Capstone Experience: DFTG 2386 Internship-Drafting and Design Technology/Technician or DFTG 2338 Final Project - Advanced Drafting

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, students may contact the Department Chair or faculty.

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	n 4
DFTG 2435	Advanced Technologies in Mechanical Design a Drafting	and 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

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.