

ENGINEERING DESIGN GRAPHICS MECHANICAL SPECIALTY, CERTIFICATE OF TECHNOLOGY

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 **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

4DFT-M

First Term		Credits
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1409	Basic Computer-Aided Drafting	4
Credits		7
Second Term		
DFTG 1433	Mechanical Drafting	4
DFTG 1445	Parametric Modeling and Design	4
DFTG 2317	Descriptive Geometry	3
DFTG 2440	Solid Modeling/Design	4
Credits		15
Third Term		
DFTG 2402	Machine Drafting	4
DFTG 2406	Machine Design	4
Credits		8
Fourth Term		
DFTG 2435	Advanced Technologies in Mechanical Design and Drafting	4
DFTG 2458	Advanced Machine Design	4
DFTG 2386 or DFTG 2338	Internship-Drafting and Design Technology/Technician ¹ or Final Project - Advanced Drafting	3
Credits		11
Total Credits		41

Capstone Experience:¹ DFTG 2386 Internship-Drafting and Design Technology/Technician or DFTG 2338 Final Project - Advanced Drafting