

COMPUTER AIDED DRAFTING AND DESIGN TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Plan of Study

Course	Title	Hours
First Semester		
DFTG 1305	Introduction to Technical Drawing	3
DFTG 1309	Basic Computer Aided Drafting	3
DFTG 1330	Civil Drafting I	3
DFTG 1310	Specialized Basic Computer Aided Drafting (CAD)	3
Hours		12
Second Semester		
DFTG 1317	Architectural Drafting-Residential	3
DFTG 2319	Intermediate Computer Aided Drafting	3
DFTG 2321	Topographical Drafting	3
DFTG 2340	Solid Modeling/Design	3
Hours		12
Third Semester		
DFTG 2312	Technical Illustration and Presentation	3
Hours		3
Fourth Semester		
MATH X3XX Mathematics Elective (CORE)		3
Hours		3
Fifth Semester		
DFTG 1345	Parametric Modeling and Design	3
DFTG 2328	Architectural Drafting-Commercial	3
DFTG 2349	CAD Management	3
SPCH X3XX Component Area Option Elective (CORE)		3
ENGL 1301	Composition I	3
Hours		15
Sixth Semester		
DFTG 2281	Cooperative Education - Drafting and Design Technology/Technician, General	2
DFTG 2332	Advanced Computer-Aided Drafting CAPSTONE ¹	3
DFTG 2438	Final Project - Advanced Drafting	4
XXXX X3XX Language, Philosophy and Culture/Creative Arts Elective (CORE)		3
XXXX X3XX American History/Government/Political Science/Social and Behavioral Science Elective (CORE)		3
Hours		15
Total Hours		60

Note: All Computer Aided Drafting and Design courses require a grade of "C" or better.

¹ **Capstone Experience:** DFTG 2332 Advanced Computer-Aided Drafting CAPSTONE is a course taught in the last semester. The learning experiences in this course result in a consolidation of a student's educational programmatic experience.