

Amarillo College Curriculum Map Template

Division:	STEM
Degree/Academic Program(s):	Drafting A.A.S. (DFTG.AAS, DFTG.CERT.DT)
Dean:	Edie Carter
Chair/Director/Coordinator:	Penelope Davies (Chair), Carrie Hoffman (Coordinator)
Submission Date:	May 31, 2015
Purpose Statement:	Provide drafting and design education/training for local, regional, national, and global job market employment opportunities.

Goal #1: To graduate students who apply critical thinking skills		
Program-Specific Courses	PLO #1a: Students will demonstrate and apply the principles of two-dimensional and three-dimensional design to course specific drafting assignments and projects	PLO #1b: Students will demonstrate and apply creative problem-solving skills to course specific drafting assignments and projects
DFTG 1305 - Technical Drafting	I	I
DFTG 1309 - Basic Computer-Aided Drafting	I	I
DFTG 1317 - Residential Drafting - Architectural	I	I
DFTG 1333 - Mechanical Drafting	I	I
DFTG 1345 - Parametric Modeling and Design	I	I
DFTG 1358 - Electrical/Electronics Drafting	I	I
DFTG 1370 - Microstation I	I	I
DFTG 1372 - Microstation II	I	I
DFTG 2319 - Intermediate Computer-Aided Drafting	D	D
DFTG 2321 - Topographical Drafting	D	D
DFTG 2323 - Pipe Drafting	D	D
DFTG 2328 - Architectural Drafting - Commercial	D	D
DFTG 2332 - Advanced Computer-Aided Drafting	D	D
DFTG 2340 - Solid Modeling/Design	D	D
DFTG 2338 - Final Project-Advanced Drafting	M	M

I = Introduced; D = Developed & Practiced with Feedback; M = Demonstrated at Mastery

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Goal #2: To graduate students who apply communication skills		
Program-Specific Courses	PLO #2a: Students will demonstrate effective visual communication skills through application of course specific tools and techniques to drafting assignments and projects	PLO #2b: Students will demonstrate and effectively communicate course specific concepts, vocabulary, and principles related to the drafting industry
DFTG 1305 - Technical Drafting	I	I
DFTG 1309 - Basic Computer-Aided Drafting	I	I
DFTG 1317 - Residential Drafting - Architectural	I	I
DFTG 1333 - Mechanical Drafting	I	I
DFTG 1345 - Parametric Modeling and Design	I	I
DFTG 1358 - Electrical/Electronics Drafting	I	I
DFTG 1370 - Microstation I	I	I
DFTG 1372 - Microstation II	I	I
DFTG 2319 - Intermediate Computer-Aided Drafting	D	D
DFTG 2321 - Topographical Drafting	D	D
DFTG 2323 - Pipe Drafting	D	D
DFTG 2328 - Architectural Drafting - Commercial	D	D
DFTG 2332 - Advanced Computer-Aided Drafting	D	D
DFTG 2340 - Solid Modeling/Design	D	D
DFTG 2338 - Final Project-Advanced Drafting	M	M

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Goal #3: To graduate student who demonstrate professional drafting skills needed for the drafting industry	
Program-Specific Courses	PLO #3a: Students will develop concepts, design skills, and techniques required to complete a capstone final projects course
DFTG 1305 - Technical Drafting	I
DFTG 1309 - Basic Computer-Aided Drafting	I
DFTG 1317 - Residential Drafting - Architectural	I
DFTG 1333 - Mechanical Drafting	I
DFTG 1345 - Parametric Modeling and Design	I
DFTG 1358 - Electrical/Electronics Drafting	I
DFTG 1370 - Microstation I	I
DFTG 1372 - Microstation II	I
DFTG 2319 - Intermediate Computer-Aided Drafting	D
DFTG 2321 - Topographical Drafting	D
DFTG 2323 - Pipe Drafting	D
DFTG 2328 - Architectural Drafting - Commercial	D
DFTG 2332 - Advanced Computer-Aided Drafting	D
DFTG 2340 - Solid Modeling/Design	D
DFTG 2338 - Final Project-Advanced Drafting	M

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