

## Drafting and Design

# Computer-Aided Drafting and Design (DFDS) 151301

## Associate of Applied Science Degree

### First Year

#### First Semester

			Credit
ENGR	1304	Engineering Graphics I	3
DFTG	2412	Technical Illustration and Presentation	4
DFTG	1409	Basic Computer-Aided Drafting	4
MATH		MATH 1332, 1342 or 1414	3-4

#### Second Semester

ENGR	1305	Engineering Graphics II	3
DFTG	2402	Machine Drafting	4
DFTG	2440	Solid Modeling/Design	4
ENGL	1312	Business Writing	3
ELCT	**	General Academic Elective	3

### Second Year

#### First Semester

DFTG	1417	Architectural Drafting-Residential	4
DFTG	1458	Electrical/Electronics Drafting	4
ARCE	1452	Structural Drafting	4
ELCT		Approved Elective	3
ELCT		Humanities/Fine Arts Selection	3

#### Second Semester

DFTG	2423	Pipe Drafting	4
DFTG	2421	Topographical Drafting	4
DFTG	2438	Final Project -Advanced Drafting	4
ELCT		Social/Behavioral Science Selection	3

#### Total Hours

**64-65**

Locations at a distance may substitute DFTG 1405 for ENGR 1304 and DFTG 2417 for ENGR 1305.

\*\* Natural Science/Mathematics, Humanities/Fine Arts or Social Behavioral Science Selection.

Approved Electives: ARTS 1316, ITSC 1409 or other Elective approved by the Department Chair

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## Certificate of Completion

### First Semester

			Credit
ENGR	1304	Engineering Graphics I	3
ENGR	1305	Engineering Graphics II	3
DFTG	1409	Basic Computer-Aided Drafting	4
DFTG	2402	Machine Drafting	4
DFTG	2440	Solid Molding/Design	4
DFTG	2412	Technical Illustration and Presentation	4
MATH	1332	Contemporary Mathematics	3

#### Total Hours

**25**