

Industrial Design Technology Certificate (CIP 15.1301)

281-756-3784

Purpose: The one-year program prepares the student for entry into the design and drafting occupation.

Program Requirements: A minimum of 30 hours is required for this certificate.

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
First Semester		
DFTG 1409	Basic Computer-Aided Drafting	4
POFI 1204	Computer Fundamentals	<u>2</u>
		6
Second Semester		
DFTG 1405	Technical Drafting	4
DFTG 2419	Intermediate Computer-Aided Drafting	4
DFTG 2440	Solid Modeling and Design	<u>4</u>
		12
Third Semester		
[^] DFTG Specialization	Select from Mechanical, Piping or General Specialization	<u>12</u>
		12
Total Credits Required for Industrial Design Technology Certificate.....		30

[^] Students must complete 12 credit hours in either the Mechanical, Piping, or General areas of specialization

Mechanical Specialization

DFTG 1445 - Parametric Modeling & Design
 DFTG 1433 - Mechanical Drafting

* DFTG 2406 - Machine Design

Piping Specialization

DFTG 2457 - Advanced Tech Pipe Design & Drafting
 DFTG 2423 - Pipe Drafting

* DFTG 2445 - Advanced Pipe Drafting

General Specialization

DFTG 2423 - Pipe Drafting
 * DFTG 1433 - Mechanical Drafting
 DFTG 1445 - Parametric Modeling & Design

*Capstone Course