

Industrial Design Technology Certificate (CIP 15.1301)

281-756-3784

Articulated Credit

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

Program Requirements: A minimum of 32 hours is required for this certificate.

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
Summer Semester		
POFI 1204	Computer Fundamentals	2
DFTG 1409	Basic Computer-Aided Drafting	4
^DFTG Specialization or DFTG 2481	Select from Mechanical, Piping or General Specialization or Cooperative Education-Drafting	4
First Semester		
DFTG 2419	Intermediate Computer-Aided Drafting	4
DFTG 1405	Technical Drafting	4
^ DFTG Specialization	Select from Mechanical, Piping or General Specialization	4
Second Semester		
^DFTG Specialization or DFTG 2481	Select from Mechanical, Piping or General Specialization or Cooperative Education-Drafting	4
DFTG 2440	Solid Modeling and Design	4
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 1455 - 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 1455 - Parametric Modeling & Design

**Capstone Course