

Drafting Design Technology +8622

Drafting Design Technology is a highly technological field where engineering data is communicated through the use of computer sciences, mathematics, and technical language skills. The curriculum is designed to provide basic preparation for entry into a variety of drafting fields.

First Year			
First Semester			
Course	Description	Credits	Semester Hours
DFTG 1325	Blueprint Reading and Sketching	3	
DFTG 1309	Basic Computer-Aided Drafting	3	
DFTG 1345	Parametric Modeling and Design	3	
MATH 1314	College Algebra	3	
.....	Social & Behavioral Science Elective	3	
		15	
Second Semester			
Course	Description	Credits	Semester Hours
DFTG 2319	Intermediate Computer-Aided Drafting	3	
DFTG 2340	Solid Modeling/Design	3	
DFTG 1317	Architectural Drafting-Residential	3	
ENGL 1301	Composition I	3	
.....	Humanities/Fine Arts Elective	3	
		15	
Second Year			
First Semester			
Course	Description	Credits	Semester Hours
DFTG 2302	Machine Drafting	3	
DFTG 2321	Topographical Drafting	3	
DFTG 2323	Pipe Drafting	3	
DFTG 2335	Advanced Technologies in Mechanical Design and Drafting	3	
MATH 1316	Plane Trigonometry	3	
		15	
Second Semester			
Course	Description	Credits	Semester Hours
GISC 1311	Introduction to Geographic Information Systems (GIS)	3	
DFTG 1358	Electrical/Electronics Drafting	3	
ARCE 1352	Structural Drafting	3	
DFTG 2386	Internship - Drafting and Design Technology Technician, General**	3	
METL 1301	Introduction to Metallurgy or College Physics I	3	
		15	
			Total Hours 60

+ Course of study identification number.

** Capstone Experience.

Prerequisite: Must be eligible to enroll in READ 0306, ENGL 0306, and MATH 0306.

Note: A student who completes the required courses listed above with an overall average of C may receive an Associate of Applied Science degree.