

Career-Technical Education Associate of Applied Science Degree Plan

DRAFTING & DESIGN TECH. PROGRAM CHECK SHEET | DRDT Major | CIP Code: 15.1301

Drafting and Design Technology is a program of study designed to impart technical knowledge and engender manipulative skills in the use of construction and drafting equipment and procedures. The knowledge and skills mastered in this program are important for the design and production of plans for industry, manufacturing, and construction. Emphasis is placed upon such subjects as scientific design, job specifications, building codes as well as drafting. Both creative and practical training are offered in such a manner that the student who successfully completes this two-year program is competent for employment in a variety of positions. Some of the many jobs available to persons completing this program include: architectural or engineering draftsman, appraiser and inspector, estimator, layout and supervision, mapping surveyor, and junior engineer.

Admission Requirements: Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements. In addition to these ACT requirements, readmit or transfer students must have a 2.0 cumulative grade point average. No student may enroll in advanced semesters without satisfactory completion of prior semester courses.

Rev. 2026

REQUIRED COURSES:		Prev. Taken	FALL 20__	SPRING 20__	FALL 20__	SPRING 20__
FIRST SEMESTER FRESHMAN						
DDT 1163 Engineering Graphics	3 hrs.					
DDT 1213 Const. Standards and Materials	3 hrs.					
DDT 1313 Computer Aided Design I	3 hrs.					
ENG 1113 Composition I OR ENG 1033 Technical English	3 hrs.					
Math/Natural Science Elective (MAT, BIO, CHE, or PHY)	3 hrs.					
SECOND SEMESTER FRESHMAN						
DDT 1173 Mechanical Design I	3 hrs.					
DDT 1323 Computer Aided Design II	3 hrs.					
DDT 1183 Technical Math	3 hrs.					
DDT 1613 Arch Design I	3 hrs.					
DDT 2213 Structural Drafting I	3 hrs.					
FIRST SEMESTER SOPHOMORE						
DDT 1413 Elem. Surveying	3 hrs.					
DDT 2243 Cost & Estimating	3 hrs.					
DDT 2623 Arch Design II	3 hrs.					
DDT 2373 3D Modeling	3 hrs.					
SPT/COM 1113 Public Speaking I	3 hrs.					
Social/Behavioral Science Elective (SOC 2113 or PSY 1513)	3 hrs.					
SECOND SEMESTER SOPHOMORE						
DDT 2153 Civil Planning and Design	3 hrs.					
DDT 2913 Special Project	3 hrs.					
DDT 2523 Pipe Drafting	3 hrs.					
Humanities/Fine Arts Elective (HIS, ENG Literature, ART 1113, or MUS 1113)	3 hrs.					
TOTAL HOURS:	60 HRS.					
NOT ALL COURSES ARE REQUIRED IF TRANSFERRING TO AN INSTITUTION OF HIGHER LEARNING.	Total Hours 60					
	Advisor Initials					
	Date					