

DT12: Drafting Technology Diploma (replaces DR02: Drafting Technology in the Quarter System)

The Drafting Technology diploma program prepares students for employment in a variety of positions in the drafting field, such as drafter, CAD operator or Civil Tech based on the specialization area a student chooses to complete. The program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to upgrade present knowledge and skills or retrain in drafting practices and software.

Career Opportunities

Graduates may find employment as drafters or in various other occupations in the drafting/AutoCAD field.

Credit Required for Graduation: Minimum of 50 credit hours

Curriculum

	Program Course	Credits
	<i>Basic Skills Courses</i>	
_____	EMPL 1000 Interpersonal Relations and Professional Development	2
_____	ENGL 1010 Fundamentals of English I	3
_____	MATH 1013 Algebraic Concepts	3
_____	MATH 1015 Geometry and Trigonometry	3
	<i>Occupational Courses</i>	
_____	COMP 1000 Introduction to Computers	3
_____	DFTG 1101 CAD Fundamentals	4
_____	DFTG 1103 Technical Drawing I	4
	-and-	
	Choose one of the following specializations	
	<i>Specific Occupational Courses (Mechanical Drafting Specialization)</i>	
_____	DFTG 1105 3D Mechanical Modeling	4
_____	DFTG 1107 Technical Drawing II	3
_____	DFTG 1109 Technical Drawing III	4
_____	DFTG 1111 Technical Drawing IV	4
_____	DFTG 1113 Technical Drawing V	4
	<i>Occupational Electives (9 credits from the list below)</i>	
_____	DFTG 1127 Architectural 3D Modeling	4
_____	DFTG 2030 Advanced 3D Modeling Architectural	4
_____	DFTG 2110 Blueprint Reading for Technical Drawing I	2

_____	<i>(continued)</i>		
_____	DFTG 2120	Print Reading for Architecture	3
_____	DFTG 2210	Blueprint Reading for Technical Drawing II	2
_____	DFTG 2500	Drafting Technology Exit Review	3
	<i>Specific Occupational Courses (Architectural Drafting Specialization)</i>		
_____	DFTG 1125	Architectural Fundamentals	4
_____	DFTG 1127	Architectural 3D Modeling	4
_____	DFTG 1129	Residential Drawing I	4
_____	DFTG 1131	Residential Drawing II	4
_____	DFTG 1133	Commercial Drawing I	4
	<i>Occupational Electives (select 8 credits from the list below)</i>		
_____	DFTG 2030	Advanced 3D Modeling Architectural	4
_____	DFTG 2110	Blueprint Reading for Technical Drawing I	2
_____	DFTG 2120	Print Reading for Architecture	3
_____	DFTG 2210	Blueprint Reading for Technical Drawing II	2
_____	DFTG 2500	Drafting Technology Exit Review	3