

# CERTIFICATE IN DRAFTING TECHNOLOGIES

(18 hrs. min.)

CIP: 15.1303

This program of study focuses on providing foundational technical skills suitable for entry-level work placement in the common fields of drafting technology. Students will gain a primary knowledge of computer graphics programs for the planning, organization and creation of technical documents; achieve proficiency in preparation for industry user certification; and employ design-oriented critical thinking skills to solve basic drafting and engineering problems. This program uses classroom learning, certification preparation and employment simulation situations to achieve knowledge and skills, jobs and articulations into higher degree pathways. This program uses classroom learning, certification preparation and employment simulation situations to achieve knowledge and skills, jobs and articulations into higher degree pathways.

CORE REQUIREMENTS: (15 HRS.)

DRFT 111	Technical Drawing with CAD (3)
DRFT 121	Computer-Aided Drafting Foundation (3)
DRFT 123	Computer-Aided Modeling (3)
[or]	
BLDG 123	Building Information Modeling (3)
ENGR 111	Introduction to Engineering (3)
ENGR 121	Engineering Graphics (3)
[or]	
ARCH 121	Architectural Graphics (3)

RELATED REQUIREMENTS: (3 HRS.)

Math or Science course (3)

Note: See "College Success Course Requirement" on Page 8.

TOTAL 18 CREDITS MIN.