

CERTIFICATE IN DRAFTING TECHNOLOGIES

(18 hrs. min.)

CIP 15.1302

School of Business and Applied Technologies, (505) 428-1332

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)
ARCH 121 Architectural Graphics (3)
[or]
ENGR 121 Engineering Graphics (3)

RELATED REQUIREMENTS: (3 HRS.)

Math or Science course (3)

NOTE: See “College Success Course Requirement” on Page 10.

TOTAL 18 CREDITS MIN.