



ARCHITECTURAL DRAFTING TECHNOLOGY

Associate of Science Degree / Architectural Drafting Technology Certificate

PURPOSE

The Architectural Drafting Technology Program prepares students to enter the field of architectural drafting at the entry level. This program is for students interested in the more pragmatic and applied aspects of architectural work, and is directed to the application of established scientific and architectural knowledge and methods.

CAREER OPPORTUNITIES

Architectural Drafter
Civil Drafter

MAJOR COURSES

Introduction to Engineering & Architecture
Materials of Construction
Materials of Construction Lab
Beginning Graphics & Design 1
Beginning Graphics & Design 2
Architectural Drafting 1
History of Architecture 1
History of Architecture 2
Architectural Mechanics – Statics
Architectural Drafting 2
Architectural Design 1
Architectural Design 2
Plane Surveying
Introduction to CAD
Intermediate Topics in CAD

FACULTY ADVISORS

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CAREER PROFILE

Architectural Drafter

OVERVIEW

Architectural Drafters prepare technical drawings and plan used by production and construction workers. Their drawings provide visual guidelines; show the technical details of the products and structures; and specify dimensions, materials, and procedures. They fill in technical details using drawings, rough sketches, specifications, codes, and calculations previously made by engineers, surveyors, architects, or scientists.

FUTURE OUTLOOK

Employment of drafters is expected to grow more slowly than the average for all occupations through 2014. However, industrial growth and increasingly complex design problems associated with new products and manufacturing processes will increase the demand for drafting services. Opportunities should be best for individuals with at least 2 years of postsecondary training in a drafting program that provides strong technical skills, as well as considerable experience with CAD systems.

SALARY OPPORTUNITIES

	LOW	MEDIAN	HIGH
U.S.	\$25,668	\$40,740	\$57,660
Modesto	\$24,045	\$36,899	\$43,347

Sources:

U.S. Bureau of Labor Statistics <http://www.bls.gov>

Occupational Outlook Handbook <http://www.bls.gov/oco/>

California Labor Market Information Office <http://www.calmis.cahwnet.gov>