



ARCHITECTURE / ARCHITECTURAL ENGINEERING

Associate of Science Degree

PURPOSE

The work of an architect is very complex. Architecture includes total responsibility for the planning, design, and observation of construction of all types of buildings. Knowledge of engineering principles, construction methods, materials, new techniques, and procedures related to the client's needs is also required. The Architecture program prepares students to transfer to four-year college and university programs.

CAREER OPPORTUNITIES

Architect
Building Designer

MAJOR COURSES

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

FACULTY ADVISORS

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CAREER PROFILE

Architect

OVERVIEW

Architects are licensed professionals trained in the art and science of building design – transform these needs into concepts and then develop the concepts into images and plans of buildings that can be constructed by others.

FUTURE OUTLOOK

Employment of architects is expected to grow about as fast the average for all occupations through 2014. Internship opportunities for new architectural students are expected to be good over the next decade, but more students are graduating with architectural degrees and some competition for entry-level jobs can be anticipated. Prospective architects who have had internships while in school will have an advantage in obtaining intern positions after graduation.

SALARY OPPORTUNITIES

	LOW	MEDIAN	HIGH
U.S.	\$38,060	\$60,300	\$99,800
Modesto	\$51,438	\$89,419	\$108,388

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>