

ARCHITECTURAL TECHNOLOGY

ASSOCIATE DEGREE & CERTIFICATE PROGRAMS

2023-2024 CATALOG

DESCRIPTION

Architecture is the art and science of designing buildings or, more accurately and broadly, the built environment, which can range from a house addition to a plan for a city. Behind that simple definition, however, lies an enormously diverse profession with many career paths and a variety of roles to play. Then, too, there are a number of paraprofessional jobs within firms or in related fields, offering many other options to those not pursuing a professional university degree.

The architecture program at Cuesta College prepares individuals for challenging careers in the architectural profession and its related design and technical fields. The program offers its students a strong foundation for transferring to upper-division studies in baccalaureate professional degree programs or entering directly into the workforce.

Cuesta's architecture program is an affiliate member of the Association of Collegiate Schools of Architecture (ACSA).

ASSOCIATE DEGREE PROGRAMS

An Associate Degree, depending on the focus of study, is designed to prepare students for transfer into upper division course work in a bachelor's degree program, or, to prepare students to enter the workforce in a particular vocational field. To qualify for an Associate's Degree, a student must: (1) complete each major-specific course required for the degree with at least a "C" grade or better, (2) complete all Cuesta College general education, graduation and residency requirements, and (3) achieve an overall grade point average of 2.0 for all courses attempted (major, general education, elective).

DEGREES, CERTIFICATES & AWARDS

- Associate in Science (A.S.)

CAREER OPPORTUNITIES

- Architectural Drafter/CAD Technician
- Architectural Intern
- Building product or component manufacturers
- Government Agencies (plan checker and project inspector)
- Homebuilders and Commercial Contractors
- Kitchen and Bath Designers
- Technical and production support within architecture or engineering firms

CONTACT

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ASSOCIATE DEGREE PROGRAM

Architectural Technology — Associate in Science

Architecture is the art and science of designing buildings or, more accurately and broadly, the built environment, which can range from a house addition to a plan for a city. Behind that simple definition, however, lies an enormously diverse profession with many career paths and a variety of roles to play. Additionally, there are many paraprofessional jobs within firms or in related fields, offering many other options to those not pursuing a professional university degree. The architecture program at Cuesta College prepares individuals for challenging careers in the architectural profession and its related design and technical fields. The program offers its students a strong foundation for transferring to upper-division studies in baccalaureate professional degree programs or entering directly into the workforce. Cuesta’s architecture program is an affiliate member of the Association of Collegiate Schools of Architecture (ACSA).

Required Courses (30 credits)

ARCH 221	Design And Visual Communication I	4
ARCH 222	Design And Visual Communication II	4
ARCH 232	Architectural Design & Presentation	3
	Computer Graphics	
ARCH 242	Introduction To Architectural Practice	3
ARCH 244	Architectural Environment Control Systems	3
ARCH 251	Architectural Design Fundamentals I	5
ARCH 252	Architectural Design Fundamentals II	5
CTCH 250	Materials Of Construction	3

Plus 9 credits from the following:

ARCH 205	Architectural Model Making	2
ARCH 217	History of World Architecture I	3
ARCH 218	History of World Architecture II	3
CTCH 180A . . .	Building Code I, Architectural Design Provisions	3
ENGR 226	Engineering Drawing I	4
ENGR 250	Engineering Statics	3
ENGR 252A . . .	Strength Of Materials I	2
MATH 265A . . .	Calculus I	5
PHYS 205A . . .	General Physics	4
PHYS 205B . . .	General Physics	4
ART 220	Fundamentals Of 2-D Design	3
or ART 221 . . .	Drawing I	(3)
or ART 270 . . .	Fundamentals Of 3-D Design	(3)

Total Credits: **39**

[Click Here For Program Student Learning Outcomes](#)

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare to transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Cuesta College counselor to develop a student education plan (SEP) before beginning their program.

TRANSFER RESOURCES:

CSU and UC Articulation Agreements and Majors Search Engine:
www.ASSIST.org
 CSU System Information:
www2.calstate.edu

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Cuesta College offers a full array of financial aid programs—grants, work study, scholarships, federal loan programs, and fee waivers. These programs are available to both full-and part-time students who are seeking a degree or certificate. For those who qualify, financial aid is available to help with tuition, fees, books and supplies, food, housing, transportation, and childcare. Please log onto our website for additional information:
www.cuesta.edu/student/studentservices/finaid



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