ARCHITECTURAL TECHNOLOGY (A.A.)

ASSOCIATE OF ARTS

This program emphasizes the technical aspects of the architectural profession while including its artistic components. Students are provided with an in-depth knowledge of the career and technical skills required to succeed in the profession and to potentially continue their studies at a professional school of architecture.

Program Student Learning Outcomes

- Students describe the role and purpose of building codes and other legal requirements that protect the public's health, safety and welfare.
- Students design, develop, virtually construct and administrate multi-disciplinary projects using BIM (Building Information Modeling) technology.
- Students demonstrate the ability to produce competent construction documents for building projects utilizing manual and digital drafting techniques.
- Students explain the fundamentals of sustainable environmental design practices.
- Students explain the requirements to transfer to a university professional program in Architecture or related Environmental Design field.
- Students identify the historical and contemporary role of architects in the development of the built environment.
- Students utilize the creative design process to graphically/verbally communicate design ideas and concepts.

Program Requirements

Code Number	Course Title	Units
Required Courses		
ARCH 110	Introduction to Architecture and Environmental Design	3.0
or ARCH 114	Green Architecture and LEED	
ARCH 111	Architectural Drafting and Design I	3.0
ARCH 112	History of Architecture	3.0
ARCH 113	Building Codes	4.0
ARCH 121	Architectural Drafting and Design II	3.0
ARCH 123	Introduction to 2D Computer Aided Drafting	4.0
ARCH 212	Architectural Design Theory I	3.0
ARCH 213	Introduction to 3-D Computer Aided Drafting	4.0
ARCH 221	AutoCAD Architecture	4.0
or ARCH 223	Revit Architecture	
ART 110	Freehand Drawing	3.0
Total Units		**34**

ASSOCIATE OF ARTS DEGREE REQUIREMENTS

Students must complete the required major courses, the Cerritos College Associate of Arts General Education requirements, and electives as needed. Students must earn a 2.0 grade point average and earn a grade of "C" or higher in major/emphasis courses.

RECOMMENDED COURSES

Code Number	Course Title	Units
ARCH 101	Introduction to Civil Engineering and Architecture	4.0
BA 100	Fundamentals of Business	3.0
PSYC 101	General Introductory Psychology	3.0
RE 101	Real Estate Principles	3.0