

ARCHITECTURAL TECHNOLOGY CONCENTRATION LEVEL-I (CERTIFICATE N0468)

Technology and Health Division

This Level I Technology Concentration Certificate focuses upon the preparation of architectural construction documents, with emphasis on computer-aided design and drawing (CADD) applications. Regulatory requirements and an overview of construction practices are also included. The student will prepare a portfolio of CADD documentation, including 2-D and 3-D projections.

Required Courses

Course Prefix	Course Name	Units
	Completion of the Architecture Foundational Skills Certificate coursework	12
PLUS		
	Completion of the Architectural Technology Concentration - Level I coursework	10
Total Units		22

Course Prefix	Course Name	Units
Architecture Foundational Skills Certificate Coursework		
ARCH 101	Design I - Elements of Design	4
ARCH 121	CADD and Digital Design Media Level I	4
ARCH 141	Design Drawing and Communication	4
Total Units		12

Course Prefix	Course Name	Units
Architectural Technology Concentration - Level I Coursework		
ARCH 142	Architectural Materials and Specifications	4
ARCH 147	Architectural CAD and BIM	3
ECT 70	Elements of Construction Management	3
Total Units		10

Architecture Website (<http://www.mtsac.edu/architecture/>)

Program Learning Outcomes

Upon successful completion of this program, a student will be able to:

- Be employed or actively seeking employment in the field or a related field.
- Be technically competent.
- Successfully execute orthographic and 3D drawing projections.

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.