ARCHITECTURAL TECHNOLOGY CONCENTRATION LEVEL-II (CERTIFICATE T0389)

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

Technology and Health Division

The Level II Technology Concentration Certificate provides additional expertise in advanced CADD applications and professional practice. The Level II Technology Concentration Certificate prepares students for employment as an intermediate CADD operator or production specialist.

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
PLUS		
Completion of the Architectural Technology Concentration - Level II coursework		9
Total Units		**31**

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**

Course Prefix	Course Name	Units
Architectural Technology Concentration - Level II Courses		
ARCH 146	Architectural Drawings and Fabrications	3
ECT 26	Civil Engineering Technology and CADD	3
ECT 71	Construction Estimating	3
Total Units		**9**

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.