

ENGINEERING AND CONSTRUCTION TECHNOLOGY LEVEL I (CERTIFICATE E0423)

Technology and Health Division

Certificate E0423

This foundational certificate is the first part of a multi-level certificate program preparing students to enter the field of construction, general or civil engineering technology, building inspection as well as construction management. Skills in reading construction drawings, construction processes and terminology, CADD computer applications in building construction and engineering will be developed. These skills are critical for employment in the engineering and construction technology or construction management sectors.

Required courses

Course Prefix	Course Name	Units
ECT 16	CADD and Digital Design Media Level I	4
ECT 67	Reading Construction Drawings	3
ECT 70	Elements of Construction Management	3
Total Units		10

Program Learning Outcomes

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

- Be technically competent.
- Be employed or seeking employment in the field or a related field.

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