

CONCRETE TECHNICIAN CERTIFICATE

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Concrete Technicians work with engineers, project managers, estimators, and construction crews performing such duties as evaluating fresh and cured concrete specimens to verify compliance with building standards. A Concrete Technician is a person with the training and/or experience required to sit for and successfully pass the American Concrete Institute's (ACI) certification tests for Concrete Field Testing Technician - Grade I, Concrete Laboratory Testing Technicians - Grades I and II. A Concrete Technician will also have the experience required to sit for and successfully pass the Ohio Concrete certification test for Concrete Mix Designers. Furthermore, Concrete Technicians have knowledge of properties of aggregates, construction practices, inspection and test methods, pavement design, and estimating. They are also prepared to work in the public or private sectors as inspectors, testing technicians, quality control personnel, supervisors, and managers.

Technical Standards

See here for details.

Tech Prep Partner


See here for details.

Concrete Technician Certificate

First Year

First Semester		Hours
MET 1000	Engineering Graphics with AutoCAD	3
CET 1220	Construction Materials	3
CET 1450	Concrete Technology I	4
ENV 1000	Introduction to EHS Technology	3
CET 2220	Surveying Fundamentals	3
Term Hours		16

Second Semester

CET 2210	Pavement Analysis	3
CET 2450	Concrete Technology II	4
CET 2200	Structural Design	3
CET 1910	OSHA 10-hr General Safety	1
CET 2230	Construction Cost and Analysis	3
CET 2970 	Civil Engineering Technology Capstone	2
Term Hours		16
Total Hours		32

