

# CONCRETE TECHNOLOGY

J. Erik Robey, BS, **Coordinator**  
 Phone: 419-995-8071  
 Email: robey.e@RhodesState.edu  
 Office: 132 JJC

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 Technology Major Associate of Applied Science Degree Structured Course Sequence (4 Semester Plan)

### First Year

First Semester		Hours
CET 1220	Construction Materials	3
CET 1910	OSHA 10-hr General Safety	1
COM 1110✎	English Composition	3
MTH 1370	College Algebra	4
PHY 1120	Physics I	4
SDE 1010✎	First Year Experience	1
Term Hours		16

### Second Semester


CET 1450	Concrete Technology I	4
CET 2220✎	Surveying Fundamentals	3
COM 1140	Technical Writing	3
CPT 1250	Computer Applications in the Workplace	3
MET 1000	Engineering Graphics with AutoCAD	4
Term Hours		17

### Second Year

#### First Semester

CET 2210✎	Pavement Analysis	3
CET 2450	Concrete Technology II	4
CHM 1110	General Chemistry I	4
COM 2110	Public Speaking	3
ENV 1000✎	Introduction to EHS Technology	3
Term Hours		17

#### Second Semester

CET 2200	Structural Design	3
CET 2230	Construction Cost and Analysis	3
CET 2540✎ 	CET Capstone Project	3
CET 2991	Field Experience	1
PSY 1010✎ or SOC 1010	General Psychology or Sociology	3
Term Hours		13
Total Hours		63

✎ Portfolio course

 Capstone course

See here for Portfolio and Capstone information.