

# Concrete Technology

## Program

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 should 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.

## Experiential Learning

Students are required to participate in a work-based learning experience. Work-based learning experiences can help a student make career decisions, network with potential employers, and develop job skills relevant to future employment. Through the interaction of work and study experiences, students can enhance their academic knowledge, personal development, and professional preparation.

## Advisory Committee

The following Advisory Committee members have input into curriculum development and are able to help the faculty and administration keep abreast of recent changes in the marketplace.

**Jason Barhorst, Spring Creek Building Supplies, Inc.**

**Greg Colvin, Ohio Concrete**

**Brad Core, PE, PS, Materials Testing, Inc**

**Tim Federici, National Lime and Stone Company**

**Pat Jacomet, Ohio Aggregates & Minerals Industrial Assn**

**Carrie Lewis, OSU Wexner Medical Center**

**Jeff Riddell, Consumers Builders Supply**

**Jeff Stocker, Aggregate and Concrete Testing Services**

**Jeff Young, Buckeye Ready Mix**

## Curriculum

### 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
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	Term Hours	16

#### Second Semester

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

### Second Year

#### First Semester

CET 2210	Pavement Analysis	3
CET 2450	Concrete Technology II	4
CHM 1110	Introductory General Chemistry	4
COM 2110	Public Speaking	3
ENV 1000	Introduction to EHS Technology	3
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	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	General Psychology OR	
SOC 1010	Sociology	3
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	Term Hours	13

**Total Hours 63**

✍ = Portfolio Course

➤ = Capstone Course

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## Scholarship Opportunities

### Roger P. Jones Concrete Technology Scholarship

Ohio Concrete, formerly Ohio Ready Mixed Concrete Association, established this scholarship in 2006 honoring its retiring Executive Director, Roger P. Jones, founder of the Concrete Technology program at Rhodes State College. Roger shared his knowledge and was involved with the College as chair of the Concrete Technology Advisory Committee. This scholarship benefits students majoring in Concrete Technology.

### For More Information, Contact:

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