Purpose

This short course offers instruction in the ASTM procedures of concrete testing which have been adopted by the American Concrete Institute.

The course is geared towards technicians employed by concrete suppliers, contractors, testing labs, government agencies, and other organizations in the concrete industry.

Those in attendance will be given the opportunity to take both writ- ten and performance exams that cover the basic field testing methods for quality control and acceptance. Those passing both the written and performance exams will receive a certificate and wallet card that recognizes them as "ACI Concrete Field Testing Technician—Grade I". Certification is valid for 5 years.

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Pittsburg State University
School of Construction

American Concrete Institute
Always advancing

ACI Concrete Field Testing Technician Grade 1

Industry Short Course



November 22nd & 23rd, 2021

Pittsburg, Kansas

ACI Concrete Field Course Content

The ACI defines a concrete field technician as a person which has demonstrated knowledge and ability to properly perform and record the results of seven specified field tests on freshly mixed concrete. The ACI program covers the seven following ASTM standards.

C 1064—Standard Test Method for Temperature of Freshly Mixed Portland Cement Concrete

C 172—Standard Practice for Sampling Freshly Mixed Concrete

C 143– Standard Test method for Slump of Hydraulic Cement Concrete

C 138– Standard Test Method for Slump of Hydraulic Cement Concrete

C 231– Standard Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Concrete

C 173 Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method

C 31 Standard Practice for Making and Curing Concrete Specimens in the Field

Course Schedule

Thursday, Nov. 22nd, 2021

9:00 am - 12:00 pm - Introductions
Concrete Basics
ASTM C 172
ASTM C 1064
ASTM C 143
ASTM C 138
ASTM C 231
ASTM C 173
ASTM C 31
Practice Exam

12:00 pm - 1:00 pm - Lunch

1:00 pm - 5:00 pm - Demonstration & Practice of Performance Tests

Friday, Nov. 23rd, 2021

8:00 am - 3:00 pm - Written Exam & Performance Exam

Testing Requirements

A score of 60% on each portion of the written exam plus a 70% overall score is required to pass the ACI exam. Failure on any part of the written exam requires a full retest. Failure on any subtest of the performance exam requires retest on only that part failed

Course Options

A person may register for any of the following options: the ACI Concrete Field Industry Short Course, Full Exam, Performance Exam or Written Exam Only format, and the Workbook. The Test Only format involves no time spent on training, and is only recommended for people who have extensive field experience or simply need to renew their certification.

PSU ACI Industry Short Course

Sign up for:	Price
☐ ACI Concrete Field Short Course with Full Exam Includes: Workbook & Lunches for both days	$650.00
☐ ACI Concrete Field Testing Tech –Gr.I Full Exam	$260.00
☐ ACI Concrete Field—Performance Re-exam Only	$175.00
☐ ACI Concrete Field—Written Re-exam Only	$200.00
☐ ACI Concrete Field Tester Workbook	$ 100.00

Subtotal: _____

Total: _____

Name

Company

Address

Phone

Company e-mail address

Please complete the registration form and mail along with your check to the address below (ATTN: Wendy Ginavan). The class size is limited to 35 people per course, on a first come, first serve basis.

Workbooks will only be mailed to those who choose the Test-Only Option if ordered. **A fee of $10.00 will apply.**

If you have any questions please call Wendy Ginavan, Pittsburg State University (620) 235-6557

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