

Fundamentals of Concrete Construction

ACI Certificate Programs are designed to provide concrete professionals with in-depth knowledge about particular topics in concrete materials, design, and/or construction by following a defined course of study. Once a course of study for a certificate program has been completed, the participant can request to receive a certificate through ACI University.

The **Fundamentals of Concrete Construction** Certificate Program covers the best practices and means and methods for concrete construction. This program is aimed at builders, site supervisors, construction managers, owner's representatives, architects, and anyone who wishes to gain further knowledge in the construction of concrete.

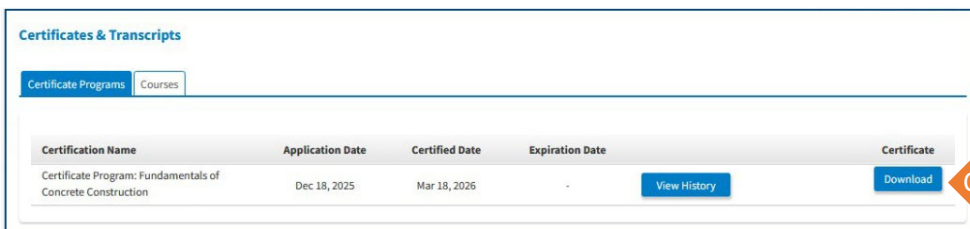
A program certificate is awarded after completion of the following required courses (17 PDH):

- [Concrete Floor and Slab Construction \(302.1R-15 Chapter 5\) \(1 PDH\)](#)
- [Control of Cracking in Concrete Structures \(Chapter 3\) \(1 PDH\)](#)
- [Contractor's Guide: Chapter 5 Formwork \(1 PDH\)](#)
- [Contractor's Guide: Chapter 8 Joints and Reinforcement for Slabs-On-Ground \(1 PDH\)](#)
- [Contractor's Chapter 10 Concrete Placement and Finishing \(1 PDH\)](#)
- [Guide to Hot Weather Concreting: Chapter 5 Production and Delivery; Chapter 6 Placing and Curing \(1 PDH\)](#)
- [Guide to Cold Weather Concreting: Chapter 8 Protection Against Freezing for Structural Concrete \(1 PDH\)](#)
- [Intentions and Contents of the New "Guide to Formed Concrete Surfaces" \(1 PDH\)](#)
- [ACI 301-16 Specifications for Structural Concrete \(Part 1\) \(1 PDH\)](#)
- [ACI 301-16 Specifications for Structural Concrete \(Part 2\) \(1 PDH\)](#)
- [ACI 301-16 Specifications for Structural Concrete \(Part 3\) \(1 PDH\)](#)
- [Troubleshooting Concrete Forming and Shoring: Loads, Pressures, and Reshoring of Multistory Buildings \(2 PDH\)](#)
- [305.1-14 Updates to Hot Weather Concrete Specification \(1 PDH\)](#)
- [Overview of ACI 132R-14, "Guide for Responsibility in Concrete Construction" \(1 PDH\)](#)
- [High-Performance Concrete Construction \(1 PDH\)](#)
- [Tilt-Up Concrete Construction \(1 PDH\)](#)

Program Guidelines:

- Completion of each course requires an 80% passing score on the course exam.
- All course completion certificates must be earned within a maximum period of 2 years.
- Courses that are updated will still count toward the certificate program as long as they have been completed within the 2-year timeframe.
- Any course completed outside the 2-year timeframe must be retaken using the current version of the course.
- Courses must be completed by one individual using the same username.
- Access to ACI documents not included with the course may be required.
- Once the course of study has been completed, a program certificate can be requested through ACI University (My Courses tab).
- ACI reserves the right to update courses and change certificate program requirements at any time.
- ACI reserves the right to revoke a certificate or discontinue a certificate program for any reason.

To Obtain Certificate:



Certification Name	Application Date	Certified Date	Expiration Date	Certificate
Certificate Program: Fundamentals of Concrete Construction	Dec 18, 2025	Mar 18, 2026	-	Download

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