In-House Seminar
ONE DAY, 7.5 HOURS (7.5 PDHs/0.75 CEUs)
Learn from the experts about slab construction
Who should attend: Engineers and contractors will learn how to construct high-quality concrete floors.

Program Content:
• Introduction to floor issues and geotechnical considerations
• Soil support systems
• Vapor transmission control
• Concrete materials
• Curling of joints and cracks
• Slab-on-ground reinforcing
• Joint spacing
• Joint types and application
• Round, square, plate dowels
• Dowel alignment systems
• “Jointless” floor options
• Joint fillers and sealants
• Floor surface flatness and levelness
• Surface treatments
• Curing
• Overview of problems

Learning Objectives:
• Describe the difference between flatness and levelness; understand the requirements for both.
• Recognize the importance of preparing the soil support system for a concrete slab-on-ground.
• Understand how the surface properties of a concrete floor are determined by the mixture proportions and the quality of the concreting and jointing operations.
• Identify practices for controlling random cracking and edge curling caused by the concrete's normal volume change.

Instructors:
Two industry experts will present this seminar.

Related Documents:
To expand attendees knowledge, ACI In-House Seminar customers may purchase multiple copies of related documents at 50% off the regular price.
• ACI 302.1R
• Articles on slab construction
• Course Notes authored by the instructors

Up to 40 copies of the presentation slides included. Additional copies can be purchased.

ACI is an approved education provider for AIA and ICC.