

# Construction of Concrete Slabs on Ground

ONE DAY, 7.5 HOURS

Learn from the experts about slab construction

## 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

## Who should attend:

Engineers and contractors will learn how to construct high-quality concrete floors.

## Instructors:

Peter A. Craig, Greg K. Fricks, Patrick J. Harrison, Jerry A. Holland, Gregory M. Scurto, and Richard E. Smith

## Seminar handouts:

ACI 302.1R  
Articles on slab construction  
Speaker Notes

