

# There are important differences between Concrete 101 and the Short Course... even if they seem alike.

**You'll send the right people and get the best results when you know the difference.**

For over 60 years, NRMCA's Concrete Technologist Training and Certification Course, or "Short Course" has been recognized as the first place that concrete technical and QA staff go to learn the fundamentals of concrete and the ready mixed industry. More recently, the first course in the CCSP series, Concrete 101 was developed to give other non-technical personnel fundamental information they need in business and sales environments.

While much of the material overlaps, there are significant differences between the two workshops. Learn about what makes each unique and valuable and you'll get the most out of your choices.



## Concrete Technologist Training and Certification (Short Course)

- Audience is technical services and QC-quality assurance personnel
- Goal: rigorous content deeply delves into codes, standards, and testing procedures for aggregate and concrete, mix proportion procedures
- Expectations: The class pace is faster, assuming that attendees have much of the background information covered in Concrete 101. Math is more challenging than Concrete 101.
- Classroom format: Morning lectures. Afternoon are spent in either concrete or math calculations labs.
- Four optional certification exams are available: ACI: Field Technician Level I, ACI Flat Work Technician written exam; NRMCA's Concrete Technologist Level II, Concrete Technologist Level III.



## Concrete 101—CCSP Module I

- Audience is non-QA: those who need a broad overview of the technical aspects as they relate to ready mixed concrete business and sales functions.
- The workshop goal is to give attendees a solid technical background to communicate intelligently with RM QC and technical services.
- Math expectations: Calculator used in mix design and proportioning exercises to give attendee an understanding of the process.
- All day classroom format, including lectures, interspersed with interactive group projects and case studies.
- There is an optional exam, which when passed becomes part of the requirement to earn CCSP (Certified Concrete Sales Professional) certification.