

NRMCA

Workforce Development



NRMCA's Concrete Technologist Training & Certification Course "Short Course"

February 11 - 15, 2019 | Orlando, FL

Space is limited: The capacity of this course is limited to 55 attendees due to size of training facility. Persons interested in attending this course are encouraged to register early.

Course Information

Karen Bean

Phone: (240) 485-1168

Email: kbean@nrmca.org

Registration & Travel Information

Jessica Walgenbach

Phone: (240) 485-1152

Email: jwalgenbach@nrmca.org

Course follows all federal anti-trust guidelines.

This course earns 20 credits towards a CCPf certification in the Operations and Production career track.

The CCPf certification is the highest professional designation in the industry.

For more information, visit www.nrmca.org/steps



PAVE AHEAD

DURABLE. SUSTAINABLE. CONCRETE.

BUILD WITH STRENGTH

A COALITION OF THE NATIONAL READY MIXED CONCRETE ASSOCIATION

The Concrete Technologist Training and Certification Course "Short Course", has provided intensive training and certification on the fundamentals of concrete, aggregates and concrete making materials since 1964. The following certifications can be obtained:

- NRMCA Concrete Technologist, Level 2
- NRMCA Concrete Technologist, Level 3
- NRMCA Field Testing Technician Grade II Certification

The "Short Course" is a 5-day program, with 4 days of training followed by certification exams. The course emphasizes nationally accepted standard procedures and practices by referencing ACI and ASTM documents for quality control and production of ready mixed concrete.

Morning sessions are reserved for classroom instruction and discussions on the following topics:

- Fundamentals of Concrete
- Ready Mixed Concrete & ASTM C 94
- Cement
- Fly Ash
- Slag & Silica Fume
- Aggregates
- Chemical Admixtures
- Statistical Methods
- ACI Code & Specification Requirements
- Testing Hardened Concrete
- Concreting in Extreme Weather
- Managing Returned Concrete
- Quality Control Procedures
- Handling, Placing & Finishing

Afternoon sessions include working groups on:

- Calculations in concrete and aggregate technology: aggregate moisture, specific gravity relative density with weight to volume relationships, aggregate gradations, concrete mixture proportioning, statistical calculations and ACI requirements.
- NRMCA Field Testing Technician Grade II Certification. Instruction on the eight standards that are included in this certification.
- Aggregates Laboratory: demonstrations on aggregate sampling and test methods.

NRMCA Field Grade II is an optional certification offered at the Short Course and covers the following standards: C31 (making and curing beams); C42 (cores); C94 (ready mix spec); C803 (Windsor probe); C805 (rebound hammer); C1611 (slump flow for SCC); C1688 (density of pervious); and C1702 (infiltration of pervious). This certification requires ACI Field I certification as a pre-requisite which is not offered at the Short Course.

Course Texts and References Short Course participants receive NRMCA publications, comprehensive notes on each topic and practice problems sets, Compilation of ASTM Standards, American Concrete Institute (ACI) educational publications, and Portland Cement Association's (PCA) Design and Control of Concrete Mixtures; Summary of standards and study guide for NRMCA Field Grade II certification.

**NRMCA's Concrete Technologist Training
and Certification Course "Short Course"**
February 11 – 15, 2019 | Orlando, FL | Marriott Orlando Airport Lakeside
Monday to Thursday: 7:00 AM – 5:00 PM | Friday: 7:00 AM – 12:00 PM

<i>NRMCA USE ONLY</i>
Date: _____
Member ID: _____
Confirmation# _____

ATTENDEE INFORMATION

Name/Title: _____

Company: _____

Mailing Address: _____ City/State/Zip: _____

Phone: _____ Fax: _____ Email: _____

Emergency Contact Name/Phone: _____

Special Needs: _____

Please Send Registration/Receipt Confirmation Email to: _____

(Notification does not guarantee class will run)

COURSE FEES & PAYMENT AUTHORIZATION

\$1,200 NRMCA Member

\$1,500 Non-Member

Check Payment:

**by sending a check there will be a delay in processing*

(Make check payable to NRMCA)

SunTrust Bank, c/o NRMCA, P.O. Box 79433 Baltimore, MD 21279

Registration without payment will NOT be confirmed.

Select One: Visa MasterCard AMEX

Card Number: _____

Exp. Date: _____

CVV#: _____

Cardholder Name: _____

COURSE LOCATION & TRAVEL INFORMATION

Course & Hotel Room Block Location:
Marriott Orlando Airport Lakeside
7499 Augusta National Drive, Orlando, FL 32822-5015
Phone: (407) 851-9000

Hotel Parking: Self-parking costs \$16 per day. Valet parking costs \$20 per day.

Room Rate: \$199 per night plus applicable taxes.

Cut-Off Date: **Monday, January 21, 2019**, or whenever the room block sells out, whichever occurs first.

Call-In Code: NRMCA or National Ready Mixed Concrete Association

Reservations: (800) 228-9290 or (407) 851-9000 or [book online](#)

Closest Airport: The closest airport is the Orlando International Airport (MCO) located 2 miles/10 minutes from the Marriott Orlando Airport Lakeside.

Transportation: The hotel offers a complimentary airport shuttle upon request, 24 hrs., 7 days a week. To arrange transportation, call the hotel directly at (407) 851-9000. A taxi will cost approximately \$12.50 each way from MCO to the host hotel.

Airport Shuttle Info: Transportation to and from airport can be made with Super Shuttle, (800) 258-3826. Shuttle reservations must be made in advance.

NRMCA POLICIES & INFORMATION

Cancellation Policy: Full cancellation refunds, less a \$100 administration fee, will be extended until **January 14, 2019**. All cancellations after January 14 will **not** be refunded. Fee cancellations cannot be transferred to a future class. Substitutions can be made at any time with no penalty. Registration cancellations must be made in writing to: meetings@nrmca.org.

Confirmation of Event: After registration and payment is processed, a registration receipt will be provided (allow up to 72 hours). A class confirmation, confirming the course will run as scheduled, will be sent via email no later than COB, **January 14**,

2019. It is advisable not to make travel arrangements until you receive the class confirmation.

Important/Class Confirmation: NRMCA reserves the right to cancel this event. Class confirmations will be sent to registrants via email no later than COB, **January 14, 2019**. In the unlikely event the class is cancelled, NRMCA will refund the entire registration fee, but is not responsible for airline and hotel reservation fees. You are responsible for making and paying for your own hotel and travel arrangements.

Return Form to meetings@nrmca.org or Fax: (301) 565-8200