

CONCRETE TECHNOLOGY CAREER TRACK

The primary goal of the Concrete Technology Career Track is to provide participants with a comprehensive ready mixed concrete technical education that enables them to establish productive careers in the industry. Candidates who complete the career track demonstrate in class their knowledge of fundamental and advanced topics in ready mixed concrete technology. To this end, the program seeks to impart strong technical competence in fundamental concrete principles along with competence in special topics including financial, managerial, ethical, safety, and environmental concerns relevant to the ready mixed concrete industry. This career track supports the industry's initiatives towards performance specifications (P2P initiative).

Candidates will be exposed to knowledge of fundamentals of quality control, cementitious materials, aggregates, admixtures, water, codes and specifications, proportioning concrete mixtures, batching, mixing and delivery, handling, placing, and finishing concrete, concrete in hot and cold weather, control tests, quality control, and troubleshooting. This knowledge will be obtained from courses that range from Concrete Technology Training to the Concrete Construction Liability Workshop.

Some typical job titles that would benefit from this track are:

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| <ul style="list-style-type: none"> • QC Lab Technologist • QC Field Technologist • QC Manager • Technical Services Manager | <ul style="list-style-type: none"> • Area Manager • Marketing and Promotion Manager • Sales Manager. |
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**You may be well on your way to completing your Concrete Technology Career Track CCPf
Use the below check list to "track" your progress.**

Certification Requirements (120 hours)

PREREQUISITES (1 of 3 below)*

- Introduction to Concrete Fundamentals: Concrete 101 (CCSP Module I) Certification (24 hours)
- Plant Manager Certification Course Certification (24 hours)
- Affidavit of 2 years technical work experience signed by direct supervisor

REQUIRED COURSES (72 hours)*

- Concrete Technology Training and Certification (Technical Short Course), earning Level 2 (32 hours)
- Introduction to RMC Business Organization and Management (24 hours)
- Concrete Construction Liability Seminar (16 hours)

ELECTIVES (24 hours minimum)*

- Concrete's Role in Sustainable Development (8 hours)
- Concrete Technology Forum (16 hours)
- Concrete Pavement Analyst Training (6 hours)
- Concrete Technologist Level 3 Certification (8 hours)**
- Employment Law Seminar (16 hours)
- The Effective RMC Supervisor (20 hours) Certification
- EPCRA & TRI Workshop (8 Hours)
- Financial Management for the Ready Mixed Concrete Industry (16 hours)
- Fundamentals of Accounting, Finance, and Business Law: Business Knowledge (CCSP Module III) Certification (20 hours)
- Leadership: The Concrete Manager's Game Plan (16 hours)
- Previous Concrete Contractor Certification (8 hours)
- Plant Manager Certification Course (24 hours)
- Understanding the Concrete Contractor's Business: Customer Knowledge (CCSP Module II) Certification (20 hours)



www.nrmca.org/steps

Earn a CCPf, the highest professional designation in the ready mixed concrete industry.

** Other courses offered by NRMCA or other organizations may be substituted following an evaluation and approval by NRMCA (see CCPf Certification Rules). **Certification obtainable through attendance and exam at the Concrete Technology Training and Certification Program (Technical Short Course)*