

# CONCRETE COATING APPLICATION SPECIALIST



## NEW! CONCRETE COATING APPLICATION SPECIALIST (CCAS)

This course provides a comprehensive overview and practical hands-on training for craft worker personnel who wish to be trained and certified in the application of coatings on concrete surfaces. The course will offer hands-on exercises that focus on repair of deteriorated concrete, surface preparation of concrete, and coating application of concrete. After the completion of this training course, craft worker personnel should be able to demonstrate proper preparation and coating application methods on concrete coating projects.



### Course Content

- General Health and Safety for Coating Concrete
- Role of Quality Personnel in Concrete Coating Applications
- Concrete Composition and Durability
- Concrete Assessment Prior to Coating Application
- Repairing Concrete Prior to Coating Application
- Surface Preparation of Concrete Prior to Coating Application
- Application of Coatings on Concrete

### Benefits of Attending

After attending this course you will be able to:

- Describe common hazards involved in coating concrete operations.
- Explain the role quality control, quality assurance, and coating inspection personnel play during typical concrete coating operations.
- Identify the different components of concrete.
- Describe moisture vapor transmission and its effect on coating application.
- Identify common concrete defects and recognize why they occur.
- Repair minor surface irregularities, deteriorated concrete, cracks, and joints.
- Discuss the importance of concrete surface profile.
- Prepare a concrete surface for coating application.
- Identify materials commonly used to coat concrete.
- Demonstrate commonly used methods for applying concrete coatings.

## COMING SOON!

This course is currently in development. It is planned for release in 2019. Please check [www.sspc.org](http://www.sspc.org) and SSPC social media for updates.

### Course Format

The training level course contains seven core modules, workshops, hands-on exercises, and quizzes. At the end of the course, a 50-question multiple choice final examination is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final written exam to receive a certificate of completion, CEUs, and to move on to one of the three concrete coating applicator certification tracks.

### Certification Format

There are three certifications that can be pursued after successful completion of the training level course: structural concrete, wastewater and manhole, and flooring systems. Each certification track requires participants to complete additional coursework, workshops, hands-on exercises, and quizzes. At the end of each certification course, a 25-question multiple choice final examination and a hands-on equipment practical is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final written exam and 90% or higher on the hands-on practical to receive a certification and CEUs.

### Who Should Attend

Coating applicators who are responsible for coating application on concrete structures should attend this course.

