

**NCCER**<sup>TM</sup>

National Center for Construction  
Education and Research



# CONSTRUCTION SITE SAFETY

PROGRAM INFORMATION

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*NCCER is a not-for-profit 501 (c)(3) education foundation created by the construction industry to develop standardized curriculum with portable credentials and to help address the skilled construction workforce shortage. NCCER is recognized by the industry as the training, assessment, certification and career development standard for the construction and maintenance industry. For more information, visit [www.nccer.org](http://www.nccer.org) or contact NCCER customer service at 888.622.3720.*

# INTRODUCTION

NCCER has developed an industry-wide approach to safety through a formal, nationally recognized training program. The **Construction Site Safety Training Program** is a widely used safety system employed by contractors and owners who demand more from their on-site supervisors and safety technicians. This comprehensive standardized safety program deals with site-specific hazards and provides unparalleled national recognition.

- The program was designed to prepare trainees for the widely recognized safety certifications offered by the Board of Certified Safety Professionals, including the Construction Health and Safety Technician (CHST) and Safety Trained Supervisor Construction (STSC).
- This approach includes comprehensive training, curriculum, instructor certification, and the use of NCCER's Secure Credential Database to track and maintain training records and certifications.

# SAFETY TRAINING CURRICULA

**Basic Safety (Construction Site Safety Orientation)** – The “*Basic Safety (Construction Site Safety Orientation)*” module (00101) that aligns to OSHA’s 10-hour program. This means that instructors who are OSHA-500 certified are able to issue 10-hour OSHA cards to their trainees who successfully complete the module. Combined with an NCCER credential, the OSHA 10-hour card will show employers a credible and valuable training record.

**Fall Protection Orientation** – NCCER’s *Fall Protection Orientation* OSHA module (75901) is a robust, instructor-led training course designed to increase awareness of jobsite fall hazards and mitigate the risk of injury or death from these hazards. This program is ideal for instilling the value of organizational safety culture.

**Field Safety** – From craftperson to superintendent, NCCER’s *Field Safety* training course has been designed for individuals who are involved with performing or overseeing tasks in the construction industry. This curriculum reinforces safety training and the importance of safety culture for every worker. It discusses how to recognize, understand, and address common hazards associated with the construction and maintenance environments. Field Safety can effectively be used to cover the topics required for the OSHA 30-hour training course.

**Safety Technology** – NCCER’s *Safety Technology* training course provides instruction on how to implement and administer a company’s safety program. This course is designed for field managers, safety directors, safety committees, owner safety representatives, and insurance/loss control representatives.

# SAFETY TRAINING CREDENTIALS

Those who successfully complete a prescribed set of modules from the NCCER safety curricula receive a certificate, transcript and wallet card with one of NCCER's three safety training designations. These designations are:

- **Construction Site Safety Orientation (CSSO)**
- **Construction Site Safety Supervisor (CSSS)**
- **Construction Site Safety Technician (CSST)**

Individuals who complete all modules in the Field Safety and/or Safety Technology curricula also receive level completion credentials, in alignment with NCCER's credentialing scheme for craft training.

For entry into the NCCER Secure Credential Database and issuance of credentials, these courses must be taught by a certified safety instructor at an Accredited Training Program.

Safety training credential certificates are issued as follows:

## Module Completion Certificates

- Construction Site Safety Orientation (CSSO)
- Fall Protection Orientation

## Level Completion Certificates

- Field Safety
- Safety Technology

## Craft Completion Certificates

- Construction Site Safety Supervisor (CSSS)
- Construction Site Safety Technician (CSST)

## Construction Site Safety Orientation (CSSO)

The CSSO is designed to provide all trainees with an awareness of hazards they may encounter on the job site. The CSSO designation can be earned by successfully completing NCCER's Basic Safety module (00101). OSHA 500 Certified Instructors may provide OSHA 10-hour cards to students who successfully complete this program.

**Required modules to earn the CSSO training credential:**

Module Number	Module Title
00101	Basic Safety (CSSO)

## Construction Site Safety Supervisor (CSSS)

The CSSS training sequence is designed for the project personnel responsible for safety on the job site, and specifically to provide field managers the expertise to understand safety to a high degree. The trainee must complete the entire *Field Safety* curriculum and training sequence five modules from the *Safety Technology* curriculum for this credential.

**Required modules to earn the CSSS training credential:**

Field Safety	
Module Number	Module Title
75101-13	Introduction to Safety
75120-13	Confined Spaces and Excavations
75104-13	Work Zone Safety
75121-13	Electrical Safety
75122-13	Working From Elevations
75110-13	Steel Erection
75123-13	Heavy Equipment, Forklift, and Crane Safety
75119-13	Concrete and Masonry
75124-13	Introduction to Materials Handling

Safety Technology	
Module Number	Module Title
75220-EN	Job Safety Analysis and Pre-Task Planning
75222-EN	Site-Specific Safety Plans
75223-EN	Safety Orientation and Safety Meetings
75225-EN	Incident Investigations, Policies, and Analysis
75226-EN	OSHA Inspections and Recordkeeping

## Construction Site Safety Technician (CSST)

The CSST is designed for industry safety professionals, company safety officers, current site safety coordinators or foremen seeking to improve safety knowledge and skills. The CSST is appropriate for an experienced journey-level craft professional seeking a path into the safety profession. The trainee must complete the entire *Field Safety* and *Safety Technology* curriculum for this credential.

**Required modules to earn the CSST training credential:**

Field Safety	
Module Number	Module Title
75101-13	Introduction to Safety
75120-13	Confined Spaces and Excavations
75104-13	Work Zone Safety
75121-13	Electrical Safety
75122-13	Working From Elevations
75110-13	Steel Erection
75123-13	Heavy Equipment, Forklift, and Crane Safety
75119-13	Concrete and Masonry
75124-13	Introduction to Materials Handling

Safety Technology	
Module Number	Module Title
75201-EN	Introduction to Safety Technology
75205-EN	Positive Safety Communication
75219-EN	Hazard Recognition, Environmental Awareness, and Occupational Health
75220-EN	Job Safety Analysis and Pre-Task Planning
75221-EN	Safety Data Tracking and Trending
75222-EN	Site-Specific Safety Plans
75223-EN	Safety Orientation and Safety Meetings
75224-EN	Permits and Policies
75225-EN	Incident Investigations, Policies, and Recordkeeping
75226-EN	OSHA Inspections and Recordkeeping

# SAFETY TRAINING CREDENTIALS MATRIX

For use with Field Safety (2nd Edition) and Safety Technology (2nd Edition). The safety credentials on the top line of the table below are issued for completion of the safety modules in the columns labeled “NCCER Standardized Curricula” of the credentials matrix training listed below.

NCCER Standardized Curricula		CSO	Field Safety	CSO	Safety Tech	CSST
	Module Number					
Basic Safety (Construction Site Safety Orientation)	00101	●		●		●
Field Safety	Module Number					
Introduction to Safety	75101-13		●	●		●
Confined Spaces and Excavations	75120-13		●	●		●
Work-Zone Safety	75104-13		●	●		●
Electrical Safety	75121-13		●	●		●
Working from Elevations	75122-13		●	●		●
Steel Erection	75110-13		●	●		●
Heavy Equipment, Forklifts, and Cranes	75123-13		●	●		●
Concrete and Masonry	75119-13		●	●		●
Introduction to Materials Handling	75124-13		●	●		●
Safety Technology	Module Number					
Introduction To Safety Technology	75201-EN				●	●
Positive Safety Communication	75205-EN				●	●
Hazard Recognition, Environmental Awareness, and Occupational Health	75219-EN				●	●
Job Safety Analysis and Pre-Task Planning	75220-EN			●	●	●
Safety Data Tracking and Trending	75221-EN				●	●
Site-Specific Safety Plans	75222-EN			●	●	●
Safety Orientation and Safety Meetings	75223-EN			●	●	●
Permits and Policies	75224-EN				●	●
Incident Investigations, Policies, and Analysis	75225-EN			●	●	●
OSHA Inspections and Recordkeeping	75226-EN			●	●	●



# INSTRUCTOR CERTIFICATIONS

NCCER requires instructors to be certified through its Instructor Certification Training Program (ICTP) in order to deliver its safety training and offer training credentials to their trainees.

In order to obtain certification, candidates seeking certification to teach Basic Safety (CSSO), Field Safety or Safety Technology must:

Successfully complete NCCER's Instructor Certification Training Program online training course, and be employed or endorsed by an NCCER Accredited Training Program, and demonstrate **at least one** of the following:

- Minimum of journey-level or technician-level in their area of expertise

**OR**

- Minimum of three years experience as a certified teacher in a vocational/technical construction, maintenance, or pipeline-related training program

## **Construction Site Safety Master (CSSM)**

The CSSM is the highest level of instructor certification within the Construction Site Safety Program. CSSM instructors are certified to teach any NCCER safety module or curricula.

In order to earn this certification, candidates must fulfill at least one of the following education and training requirements:

- Current certification from the Board of Certified Safety Professionals (BCSP) as an Associate Safety Professional or a Certified Safety Professional (valid certification number required for verification)
- A Bachelor's degree in safety from an Accreditation Board of Engineering and Technology (ABET) approved program and four years of professional safety experience
- Any Bachelor's degree (4 or more years, AA/AS not applicable) with a minimum of five years of full-time safety experience
- Minimum of 10 years of full-time safety experience
- Safety resume documenting safety experience

Once the above requirements are met, candidates must complete the ICTP and submit the Verification of Qualifications through their Accredited Training Program.

# Construction Site Safety Master (CSSM) Verification of Qualifications



First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_ Last Name \_\_\_\_\_

Title \_\_\_\_\_ NCCER Card Number \_\_\_\_\_ Alt ID # (e.g. SSN, DL#, etc.) \_\_\_\_\_

Type of Contractor \_\_\_\_\_

Company Name \_\_\_\_\_ Company Phone \_\_\_\_\_

Company Address (Street, City, State, Zip) \_\_\_\_\_

Are you currently certified as an: (check appropriate space, enter certification number if yes)

Associate Safety Professional:  Yes  No

Certified Safety Professional:  Yes  No

Certification No. \_\_\_\_\_

Certification No. \_\_\_\_\_

Participant successfully completed which program:  Master Trainer OR  Instructor Certification Training Program (ICTP)

**Education:** List applicable degree(s) or course work completed.

Degree/Course \_\_\_\_\_ Name of School \_\_\_\_\_ Year Completed \_\_\_\_\_

Degree/Course \_\_\_\_\_ Name of School \_\_\_\_\_ Year Completed \_\_\_\_\_

Degree/Course \_\_\_\_\_ Name of School \_\_\_\_\_ Year Completed \_\_\_\_\_

**Training:** List applicable NCCER training completed.

Craft/Program Completed \_\_\_\_\_ Date \_\_\_\_\_

Craft/Program Completed \_\_\_\_\_ Date \_\_\_\_\_

Craft/Program Completed \_\_\_\_\_ Date \_\_\_\_\_

**Work Experience:** ATTACH SAFETY RESUME

Company Name \_\_\_\_\_ Job Title \_\_\_\_\_ Length of Service \_\_\_\_\_

Attach/include your safety resume or safety work history.

Company Name \_\_\_\_\_ Job Title \_\_\_\_\_ Length of Service \_\_\_\_\_

Attach/include your safety resume or safety work history.

I hereby confirm that all information provided on this application is true and accurate.

Construction Site Safety Master Candidate Signature \_\_\_\_\_ Name/Title/Alt ID# or NCCER Card # (type or print) \_\_\_\_\_ Date \_\_\_\_\_

I hereby verify to the best of my knowledge that the information provided on this application is accurate and that named candidate is qualified for Construction Site Safety Master Certification under the criteria established by NCCER for the Construction Site Safety Program.

Master Trainer Signature \_\_\_\_\_ Name/Title/Alt ID# or NCCER Card # (type or print) \_\_\_\_\_ Date \_\_\_\_\_

Program Director/Program Manager Signature \_\_\_\_\_ Name/Title/Alt ID# or NCCER Card # (type or print) \_\_\_\_\_ Date \_\_\_\_\_

Accredited Organization Name \_\_\_\_\_

Submit to: registrar@nccer.org or fax to 386.518.6255.