



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 or contact NCCER customer service at 888.622.3720.

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* (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 a safety culture.

Field Safety – From craftperson to superintendent, *Field Safety* has been designed for individuals who are involved with completing or overseeing tasks in the construction industry. This curriculum reinforces safety training and the 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 – *Safety Technology* provides instruction on how to implement and administer a company’s safety program. This manual is designed for field managers, safety directors, safety committees, owner safety representatives, and insurance/loss control representatives.

SAFETY CREDENTIALS

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).
- This approach includes curriculum, instructor certification, and the use of the NCCER Registry System to track and maintain training records and certifications.
- The safety training within NCCER's curricula provides the foundation for change in safety culture, promoting a safety-first philosophy throughout every level of an organization – from the new employee to every level of management.

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)**

For entry into the NCCER Registry and issuance of credentials, these courses must be taught by the appropriate level of safety instructor under an Accredited Training Sponsor (ATS).

Standard certificates of completion (Blue background) are issued for completion of a level in the NCCER curriculum. When a required set of levels have been earned towards a craft completion, a certificate of craft completion (Silver background) is issued. The CSSO, CSSS and CSST credentials earn standard certificates of completion, while the CSSS and CSST also earn certificates of craft completion. As curricula are constantly being revised and updated, these credentialing policies are subject to change at the discretion of NCCER.

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 for CSSO training credential:

Module Number	Module Title
00101	Basic Safety (CSSO)

Construction Site Safety Supervisor (CSSS)

The CSSS 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 either 11 modules from the *Safety Technology* 1st Edition curriculum or five modules from the *Safety Technology* 2nd Edition curriculum for this credential.

Required modules for 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, 1st Edition	
Module Number	Module Title
75204-03	Inspections, Audits, and Observations
75205-03	Employee Motivation
75206-03	Site-Specific ES&H Plans
75208-03	JSAs and TSAs
75209-03	Safety Orientation and Training
75210-03	Work Permit Policies
75212-03	Safety Meetings
75213-03	Accident Investigation: Policies and Procedures
75214-03	Accident Investigation: Data Analysis
75215-03	Recordkeeping
75216-03	OSHA Inspection Procedures

OR

Safety Technology, 2nd Edition	
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 for 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, 1st Edition	
Module Number	Module Title
75201-03	Introduction to Safety Technology
75202-03	Hazard Recognition, Evaluation, and Control
75203-03	Risk Analysis and Assessment
75204-03	Inspections, Audits, and Observations
75205-03	Employee Motivation
75206-03	Site-Specific ES&H Plans
75207-03	Emergency-Action Plans
75208-03	JSAs and TSAs
75209-03	Safety Orientation and Training
75210-03	Work Permit Policies
75211-03	Confined-Space Entry Procedures
75212-03	Safety Meetings
75213-03	Accident Investigation: Policies and Procedures
75214-03	Accident Investigation: Data Analysis
75215-03	Recordkeeping
75216-03	OSHA Inspection Procedures
75217-03	ES&H Data Tracking and Trending
75218-03	Environmental Awareness

OR

Safety Technology, 2nd Edition	
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 following credentials are provided for completion of training listed below.

NCCER Standardized Curricula		CSSO	Field Safety	CSSS	Safety Tech	CSST
	Module Number					
Basic Safety (Construction Site Safety Orientation)	00101	●		●		●
	Module Number					
Field Safety						
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		●	●		●
	Module Number					
Safety Technology						
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			●	●	●

NCCER SAFETY INSTRUCTOR CERTIFICATIONS

To be granted any of the NCCER safety instructor certifications listed below, candidates must meet the applicable requirements as depicted in the following table.

What training do I need? Candidates must meet ALL of the indicated criteria in this section	CSSO	CSSS	CSST	CSSM
Complete NCCER's Master Trainer/Instructor Certification Training Program (MTICTP) or Instructor Certification Training Program (ICTP)	●	●	●	●
Complete Basic Safety module (00101)				
Complete either edition of NCCER's Field Safety curricula OR complete the OSHA 500	●	●	●	
Complete the five modules from NCCER's Safety Technology curriculum listed for CSSS in the training matrix on page 9		●		
Complete NCCER's Safety Technology curriculum			●	
Completion of Construction Site Safety Master Verification of Qualifications form				●
What education and experience do I have to show? Candidates must meet ONE of the indicated criteria in this section	CSSO	CSSS	CSST	CSSM
Associates Degree or higher in Safety from an accredited post-secondary educational institution with a minimum of two years of experience in the construction industry	●	●	●	
Five years of experience as a safety trainer, instructor, educator or safety supervisor in the construction industry	●	●	●	
Current certification as an Associate Safety Professional (ASP), Certified Safety Professional (CSP), Construction Health & Safety Technician (CHST) or Safety Trained Supervisor Construction (STSC) (valid certification number required for verification)				●
Associates of Applied Science degree in safety (OSH) and five years of professional construction safety experience				●
A Bachelor's degree in Safety from an Accredited Board for Engineering & Technology (ABET) approved program and four years of professional construction safety experience.				●
Bachelor's degree (four or more years, AA/AS not applicable) with a minimum of five years of full-time construction safety experience				●
Completion of NCCER's Safety Technology with a minimum of five years of full-time construction safety experience				●
Minimum of 10 years of full-time construction safety experience				●
What can I teach? Instructors who earn one of the NCCER safety instructor certifications are able to teach the courses indicated below	CSSO	CSSS	CSST	CSSM
Basic Safety	●	●	●	●
CSSO	●	●	●	●
Field Safety		●	●	●
CSSS			●	●
Safety Technology			*	●
CSST				●

* The CSST instructor is certified to teach the following modules from Safety Technology (2nd Edition): 75220-EN, 75222-EN, 75223-EN, 75225-EN, 75226-EN OR the following modules from Safety Technology (1st Edition): 75204-03, 75205-03, 75206-03, 75208-03, 75209-03, 75210-03, 75212-03, 75213-03, 75214-03, 75215-03, 75216-03.

APPENDIX: A

NCCER INSTRUCTOR CERTIFICATIONS

NCCER offers two types of instructor certification training programs that teach instructors how to instruct using the NCCER Curriculum.

MASTER TRAINER

In order to obtain this certification, Master Trainer (MT/ICTP) candidates must:

Successfully complete NCCER's Instructor Certification Training Program for Master Trainers, which is presented directly by NCCER, and be employed or endorsed by an NCCER Accredited Training Sponsor, and demonstrate **at least one** of the following:

- Two years of experience as a trainer, instructor, or educator

OR

- An Associate's Degree or higher in education, a construction-related field, industrial arts, or similar field from an accredited post-secondary education institution

OR

- A minimum of two years of experience at a supervisory level or higher in the construction, maintenance, or pipeline industry

CRAFT/TECHNICIAN INSTRUCTOR

In order to obtain this certification, Craft/Technician Instructor (ICTP) candidates must:

Successfully complete NCCER's Instructor Certification Training Program for Craft/Technician Instructors, which is presented by NCCER Master Trainers, and be employed or endorsed by an NCCER Accredited Training Sponsor, 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) Verification of Qualifications (Form 800)



First Name _____ Middle Initial _____ Last Name _____
 Title _____ Social Security Number _____ Type of Contractor _____
 Company Name _____ Company Phone _____ Company Fax _____
 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
 Certification No. _____

Certified Safety Professional: Yes 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 *Curriculum* 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/SGN or NCCER Card #/SS# (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/SGN or NCCER Card #/SS# (type or print) Date

 Sponsor Representative Signature Name/Title/SGN or NCCER Card #/SS# (type or print) Date

 ATS Name

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



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