

## CHAPTER 11

### CONSTRUCTION SAFETY AWARENESS TRAINING COURSE

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## CHAPTER 11

# CONSTRUCTION SAFETY AWARENESS TRAINING COURSE

### 11.1 PURPOSE

The purpose of this chapter is to provide an Occupational Safety and Health Awareness Training Course for Florida Department of Transportation (FDOT) Construction Personnel **ONLY**. This course will teach employee(s) the importance of safety and awareness of common hazards. This course will also be available for other Department Personnel performing similar work (i.e. Materials, Maintenance, etc.).

### 11.2 BACKGROUND

The Department's Construction Safety Awareness Ten Hour Course available in the Training Records Evaluation and Scheduling System (TRESS) is optional for Department Personnel. However, this course is a requirement for Construction Personnel.

### 11.3 QUALIFICATION REQUIREMENTS BY JOB FUNCTION

FDOT Construction Employees involved in construction activities are required to take the approved Construction Safety Awareness Training Course. The qualification requirements for this course include knowledge and awareness of the safety requirements when working in construction areas.

There is no prerequisite course or training required prior to completing this course. The CBT version of this training course is available at:

[Construction Safety Awareness Course](#)

### 11.4 QUALIFICATION AND COURSES

#### 11.4.1 FDOT Construction Employees

After successfully completing the Construction Safety Awareness Training Course, the employee must submit the information to their District Construction Training Administrator (DCTA). The employee will then receive a Student Completion Card.

### 11.4.1.1 New Employees

All new Construction Employees must complete the Construction Safety Awareness Training Course as it relates to their assigned duties and activities so they are aware of the safety requirements when working in construction areas. This training must be completed within the first year of the employee's hire.

### 11.4.2 Authorized Instructors

An FDOT employee is qualified to deliver the Construction Safety Awareness Training course (Instructor Led Training or ILT) if:

1. Has prior safety experience
2. Has completed an OSHA approved 30-hour Safety Course for Construction
3. Has a current certification

**Note:** District Construction Training Administrators (DCTAs) will track completion of modules and overall course, and notify the State Construction Training Administrator (SCTA) when employee(s) completes the Construction Safety Awareness Training Course, so records can be maintained in TRESS.

### 11.4.3 Courses

The Department's Construction Safety Awareness Training course provides the employee with basic knowledge of different safety topics, as listed in **Section 11.4.3.2**. To enroll in the course, trainees must coordinate with their District Safety Office.

#### 11.4.3.1 Training Methods

The following are approved training methods for the Construction Safety Awareness Training Course:

1. Instructor Led Training (ILT),
2. Computer Based Training (CBT), or
3. A combination of any of the above.

### 11.4.3.2 OSHA Modules

Construction/Unit Managers/Office Heads shall ensure that training and education of employees are provided in the following areas as appropriate:

- (A.) Recognition and avoidance of unsafe conditions and the regulations applicable to construction and maintenance work and activities.  
[29 CFR 1926.21(b)(2)]
- (B.) Personal Protective Equipment. (When to use, how to maintain)  
[29 CFR 1926.28]
- (C.) Hearing Protection (when to use, types, how to maintain)  
[29 CFR 1926.101]
- (D.) Ground Fault Protection on construction sites [29 CFR 1926.404]
- (E.) Scaffolding Safety (basic installation, approved ladder, railing)  
[29 CFR 1926.451]
- (F.) Fall Protection (types, use of a harness, inspection of equipment, when to use, the 6 foot rule, engineering requirements)  
[29CFR 1926.502]
- (G.) Material Hoists, Personnel Hoists and Elevators (inspections, proper use, load capacities, crane inspection) [29 CFR 1926.552]
- (H.) Earth Moving Equipment/Motor Vehicles (back up alarms, working around) [29 CFR 1926.602, 604]
- (I.) Excavation and Trenching (safety, shoring, ingress/egress)  
[29 CFR 1926.650]
- (J.) Barges (used for marine construction of bridges, etc.)  
[29 CFR 1926.605]
- (K.) Demolition of structures [29 CFR 1926.859]
- (L.) Cranes (working around safely, swing radius) [29 CFR 1926.550]
- (M.) Concrete and Masonry (hazardous dust, safety requirements)  
[29 CFR 1926.700]
- (N.) Working safely in work zones (night and day) (special hazards and how to work safely around them)

- (O.) Working in confined spaces (culverts, storm water systems, drainage pipes and other areas not designed for human occupancy)  
[29 CFR 1926.21]
- (P.) Hazardous Materials and Material Safety Data Sheets  
[29 CFR 1926.59 and 1910.12]

## **11.5 REQUALIFICATION**

FDOT Construction employees are required to re-take this course every five years.

## **11.6 SUSPENSION AND REVOCATION OF QUALIFICATION**

Does not apply to this topic.

## **11.7 DEPARTMENT'S RESPONSIBILITIES**

All safety training must be coordinated through their District Safety Office. The SCTA will notify the DCTAs if there are any changes to FDOT policies or procedures relating to safety.

Districts may choose to offer this course via CBT, ILT, or a combination of CBT and ILT. They will have the option of selecting which of the modules will be CBT and ILT. The Department will select, on a per district basis, which module(s) will be presented by ILT and which will be CBT. The SCTA will enter these selections for each District, but the DCTAs will be responsible for entering completed ILT module information for Trainees who have completed the required ILT course into TRESS. The CBT course is provided on-line through the [State Construction Office web-site](#).

Each authorized instructor can modify his/her selected module to show the actual safety hazards on a particular Construction Project.

Employee shall be allowed sufficient time during normal duty hours to attend the required CBT or ILT Course.

The DCTA will keep records of all employees who have successfully completed the Construction Safety Awareness Training course. DCTAs will provide this information to the SCTA.

## GENERAL DISCLAIMER

**Chapter 11** of this Manual **does not** require any qualification or certification associated with the Construction Training Qualification Program. Policies and Procedures set forth in the [Construction Training and Qualification Manual \(CTQM\)](#) will have no effect on the **Construction Safety Awareness Training Course**.