

# TOS

---

## Courses

### **TOS 101 Work Zone Safety**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

This course is designed to provide an initial and basic overview of key OSHA 29 CFR Parts 1900-1910 General Industry Safety Standards. It is important to remember that this course shall provide only the basics on Occupational Safety. The course is designed for both the worker and novice safety professional."

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=101subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=101subject_code=TOS))

### **TOS 102 Hoisting and Material Handling Safety**

**2 Credits. 2 Lecture Hours. 0 Lab Hour.**

This course is designed to provide the basic knowledge on how to develop an organization's safety program based on the OSHA General Industry regulations; 29 CFR Parts 1900-1910. The overall objective of this course is for the student to obtain the knowledge to develop and administer a comprehensive safety program, it is crucial for a safety professional or a member of management to know where to look and how to apply specific OSHA regulations that affect your organization."

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=102subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=102subject_code=TOS))

### **TOS 110 OSHA 10-Hour General Industry Safety and Health Training Course**

**1 Credit. 0.5 Lecture Hour. 0 Lab Hour.**

A course for industrial workers and novice safety professionals on basic concepts of the OSHA General Industry Safety Standards.

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=110subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=110subject_code=TOS))

### **TOS 111 Osha 30 Hour General Industry Safety and Health Training Course**

**2 Credits. 2 Lecture Hours. 0 Lab Hour.**

A course on concepts and techniques needed to develop and administer a comprehensive safety program for an organization. Topics include: applying OSHA regulations that affect the organization.

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=111subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=111subject_code=TOS))

### **TOS 115 OSHA Permit-Required Confined Space Ent**

**0.5 Credits. 0.5 Lecture Hour. 0 Lab Hour.**

A course on hazards associated with OSHA permit-required confined space entry operations. Topics include: types of confined spaces, lockout/tagout requirements, air monitoring, and equipment for entry.

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=115subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=115subject_code=TOS))

### **TOS 117 OSHA Confined Space Entry and Basic Rescue (Awareness Level)**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course for individuals who enter and work in an OSHA classified Permit Required Confined Space. Topics include: OSHA Permit Required Confined Space Program requirements, air monitoring, respiratory protection, lockout-tagout, and confined space entry and rescue equipment.

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=117subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=117subject_code=TOS))

### **TOS 120 Fall Protection and Scaffolding Safety**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course on the OSHA requirements for scaffold and fall protection safety at a constructional and general industry work site, as covered in OSHA 29 CFR 1926 Subparts L and M. Topics include: scaffold inspection techniques, and selecting and using fall protection equipment.

Prerequisites: None

View Sections ([http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course\\_number=120subject\\_code=TOS](http://webapps.cincinnati.state.edu/wwwTools/MCL/default.aspx?course_number=120subject_code=TOS))

**TOS 121 Excavation Safety**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course on requirements governing excavation and trenching operations, as covered in OSHA 29 CFR 1926 Subpart P. Topics include: soil mechanics in relation to stability of shored and unshored slopes and walls of excavations, types of shoring (wood timbers and hydraulic), and soil testing methods.

Prerequisites: None

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=121subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=121subject_code=TOS))

**TOS 122 Work Zone Safety**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course on concepts and techniques of work zone safety. Topics include: work zone design, construction, operations, and maintenance; and the Manual on Uniform Traffic Control Devices.

Prerequisites: None

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=122subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=122subject_code=TOS))

**TOS 123 Hoisting and Material Handling Safety**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course on safety considerations in hoisting and material handling operations, as covered in OSHA 29 CFR 1926 (Cranes and Material Handling).

Prerequisites: None

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=123subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=123subject_code=TOS))

**TOS 124 Electrical Safety**

**1 Credit. 1 Lecture Hour. 0 Lab Hour.**

A course on requirements governing electrical safe work practices at construction and manufacturing sites, as covered in OSHA 29 CFR Part 1926 and in National Fire Protection Standards 70 and 70 E.

Prerequisites: None

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=124subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=124subject_code=TOS))

**TOS 130 Safety Trainer and Training Management**

**1.5 Credit. 1 Lecture Hour. 1 Lab Hour.**

A course to train instructors in methods used to teach employees safety practices and to develop safety training programs. Topics include: the adult learning model, teaching methods for adult learners, needs assessment, course and program design, student assessment methods, and documentation and record Keeping. The course is based on criteria from American National Standards (ANSI) Z 490.1-2009.

Prerequisites: None

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=130subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=130subject_code=TOS))

**TOS 198 Special Topics in Occupational Safety**

**0.5-7 Credits. 0 Lecture Hour. 0 Lab Hour.**

A course on selected topics related to Occupational Safety that gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: Vary by section

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=198subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=198subject_code=TOS))

**TOS 199 Special Projects in Occupational Safety**

**0.5-7 Credits. 0 Lecture Hour. 0 Lab Hour.**

A course on selected topics related to Occupational Safety that gives students opportunities to study information not currently covered in other courses. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=199subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=199subject_code=TOS))

**TOS 289 Year 2 Special Topics in Occupational Safety & Regulatory Compliance**

**0.5-4 Credits. 0 Lecture Hour. 0 Lab Hour.**

An advanced course on selected topics related to Occupational Safety & Regulatory Compliance that gives students opportunities to study information not currently covered in other courses.

Prerequisites: None

View Sections ([http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course\\_number=289subject\\_code=TOS](http://webapps.cincinnatistate.edu/wwwTools/MCL/default.aspx?course_number=289subject_code=TOS))