

OREGON

# Construction Safety Standards Syllabus

*Series A Course Syllabus*

*SRA0008*

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## Course Description

This five hour video course is a review of the safety codes required for residential construction. Students will be able to understand and describe the basic components of a construction safety program. They will recognize the hazards inherent at a construction jobsite, and describe ways to prevent those hazards. Finally, students will learn the responsibilities of both the employer and the employee in observing established safety practices.

Learning objectives are provided to facilitate understanding and progress. The assessment at the end of each chapter accurately reflects learning objectives. A 70% score on each assessment is required to move on to the next chapter.

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## COURSE OUTLINE

### Chapter 1- Introduction (30 Minutes)

\***Learning Objectives:** 1) Recognize the role of OSHA in the workplace 2) Distinguish between employer and employee rights and responsibilities 3) Know the employer record keeping responsibilities.

- A. Role of OSHA
- B. Record Keeping
- C. Employee/Employer Rights & Responsibilities
- D. Inspections
- E. OSHA Resources

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## **Chapter 2- Personal Protective Equipment (30 Minutes)**

**\*Learning Objectives:** 1) Describe the causes of the most common workplace injuries 2) Name the Personal Protective Equipment (PPE) most often used to protect workers.

- A. Protecting Employees
- B. Head Injuries
- C. Eye Protection
- D. Hearing Protection
- E. Foot Protection
- F. Hand and Body Protection

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## **Chapter 3- Falls in Construction (60 Minutes)**

**\*Learning Objectives:** 1) Describe methods of fall protection available to workers. 2) Identify the hazards that prompt the use of fall protection for construction workers.

- A. Fall Protection
  - B. Personal Fall Arrest Systems
  - C. Guardrails and Safety Nets
  - D. Skylights and Other Openings
  - E. Excavations
  - F. Roofs
  - G. Training
  - H. OSHA's Fall Protection Policies for Residential Construction Video
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## Chapter 4- Stairways and Ladders (30 Minutes)

**\* Learning Objectives:** 1) Describe safety guidelines and requirements for stairways used at a construction site. 2) List safe practices and requirements for ladders used at a construction site.

- A. Stairs/Dangers
  - B. Ladder Safety
  - C. Assembly & Use
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## Chapter 5- Scaffolds (30 Minutes)

**\* Learning Objectives:** 1) Recognize the hazards associated with different types of scaffolds. 2) Understand the procedures that must be followed in *order to control and minimize those hazards.*

- A. Types/Hazards
  - B. Fall Protection
  - C. Safe Scaffold Construction
  - D. Types of Scaffolds
  - E. Inspections/Training
  - F. Assembly & Use
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## Chapter 6- Excavations (30 Minutes)

**\* Learning Objectives:** 1) State the greatest risk that is present at an excavation. 2) Describe the three primary methods of protecting employees from cave-ins. 3) Name factors that pose a hazard to employees working in excavations, and how to reduce those hazards. 4) Describe the role of a competent person at an excavation site.

- A. Overview
- B. Hazards
- C. Safe Working Conditions
- D. Protective System Design

- E. Inspections
  - F. Soils & Testing
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## **Chapter 7- Electrical Safety (45 Minutes)**

*\*Learning Objectives:* 1) Describe the basics of electrical safety and the injuries that can be caused by improper contact. 2) Identify the hazards of electricity on a construction site and the best way to prevent those hazards from occurring.

- A. Electricity
  - B. Injuries
  - C. Hazards
  - D. Power Tools
  - E. Best Practices
  - F. Employer Responsibilities
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## **Chapter 8- Tool Safety (30 Minutes)**

*\*Learning Objectives:* 1) Describe the hazards surrounding the use of hand and power tools. 2) List the important safety tips associated with Powder-Actuated Tools. 3) Explain the basic procedures for safe jack handling.

- A. Hazards
  - B. Safety Rules/Precautions
  - C. Abrasive Wheels
  - D. Radial Saws
  - E. Pneumatic Tools
  - F. Powder Actuated Tools
  - G. Employer Responsibility
  - H. Training
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- This course is approved for five credit hours in ***CCB Residential Continuing Education: Series A***
- The ***Builders License Training Institute*** is responsible for the content of this course.
- Students have six months to complete the course.
- To have access to our online courses students must have access to a high-speed internet connection.
- There are no attendance restrictions with full payment.

Course instructors will be available by email or telephone between 9am and 5pm Eastern Standard Time. They will assist you with questions regarding course content.

If you have any questions, please call us at 1-800-727-7104 or send an email to [info@licensetobuild.com](mailto:info@licensetobuild.com). Email responses will usually be returned promptly, but guaranteed within one business day.

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