

COURSE SYLLABUS

SAFETY FOR IRONWORKERS: SCAFFOLD USER- E/D

Course Description:

This course is designed to provide the Iron Worker student with training in scaffold erection, use and dismantling.

Course Objective:

The objective of this course is to enable a student to work safely on construction sites during the use, erection and dismantling of scaffolding.

Learning Outcomes:

Upon successful completion of this course, the student will be able to:

- Use scaffolding
- Erect and dismantle various types of scaffolding

Target Audience:

This course is mandatory for all Apprentices and available to Journeymen.

Length of Course:

This course is designed to be offered during a minimum of 16 hours – 12 hours of classroom instruction and 4 hours of hands-on lab or shop training.

Course Materials:

- **Scaffold Training for Ironworkers** reference manual
- **Scaffold Training for Ironworkers** student workbook
- **Scaffold Training for Ironworkers** instructor guide
- **Scaffold Training for Ironworkers** instructor DVD

Course Assignments:

There are assignments that will be completed as part of the course. Students will complete these assignments prior to and/or during course sessions as determined by the instructor.

Course Grading Criteria:

To successfully complete this course, the student must complete all of the assignments, demonstrate the required skills in the lab or shop and pass the knowledge tests.

Topics/Activities

Introductions

Review of the course syllabus including the course objectives

Discussion of classroom and outside assignments and shop activities

Unit 1: Introduction to Scaffolding

Lecture and discussion

Test – Unit 1

Unit 2: Safely Using Scaffolds

Skills demonstrations and apprentices practice using scaffolding that has been previously erected

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Skills demonstrations and apprentices practice using scaffolding that has been previously erected

Test – Unit 2

Unit 3: Supported Scaffold Components, Capacities and Loading

Unit 4: Erecting and Dismantling Systems-Based Scaffolding

Unit 5: Erecting and Dismantling Tube and Coupler Scaffold Systems

Unit 6: Erecting and Dismantling Frame Scaffold Systems

Unit 7: Erecting and Using Suspended Scaffold Systems

Skills demonstrations and apprentices practice

Skills demonstrations and apprentices practice continue

Test(s) over those units covered during the erecting and dismantling portion of the course