

The Alliance for Business Curriculum Description

Course Title:	OSHA Construction 10 or 30 Hour Outreach	Length:	10 / 30 hr.
Curricula Area:	Safety and Health for the Construction Industry		
Description of Curricula:	The course provides participants an opportunity to learn basic skills and knowledge about protecting the health and safety of personnel, locate and apply OSHA safety and health standards to the workplace, supplement an ongoing safety and health program, identify common violations of OSHA standards and propose abatement actions, and propose appropriate abatement procedures for selected safety hazards through illustrated lectures and small group activities.		
Format of Delivery:	80% classroom lecture/demonstration and 20% classroom participatory		
Evaluation:	PASS/FAIL, quizzes, exercises		
Regulatory Reference:	29 CFR 1926		
Training Provider:	The Alliance for Business: A partnership between Crowder College and Missouri Southern State University 800.783.8053		
Date of Development:	1999	Date of Last Revision:	2001
Intended Audience:	Construction Industry under 29CFR1926 regulatory requirements		
Topics:	Module 1 – OSHA Act and General Duty Clause Module 2 – Introduction to OSHA Regulations Module 3 – Subpart C General Safety and Health Module 4 – Subpart D Occupational Health Module 5 – Subpart E Personal Protective Equipment Module 6 – Subpart F Fire Protection Module 7 – Subpart H Material Handling Module 8 – Subpart I Handheld Portable Power Tools Module 9 – Subpart J Welding and Cutting Module 10 – Subpart K Electrical Safety Module 11 – Subpart L Scaffolding Module 12 – Subpart M Fall Protection Module 13 – Subpart N Cranes, Derricks, Hoist Module 14 – Subpart O, W, and G Vehicles ROP, Signs, Signals, and Barricades Module 15 – Subpart P Excavations Module 16 – Subpart X Stairways and Ladders Module 17 – Confined Space		
Components of Curricula:			
Student Manual	OSHA Construction Industry 10 Hour Training		
Other Instructor Resources	Transparency masters and PowerPoint® overheads to accompany each learning Module, 29CFR1926 and 1910		
Supplemental Materials	Internet and reference resources where appropriate		
AV Media	Videos, CDROMs, and overheads to supplement course materials.		
Reference Materials	NIOSH Pocket Guide, OSHA Standards, ANSI Standards and multiple reference materials		
Equipment and Supplies	Minimal		
Instructor Qualifications:	Completion of OSHA Construction Outreach 500 Trainer Course		

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Special Instructions:

Required topics and time frames: Introduction to OSHA and OSHA Act one hour Subpart K: Electrical one hour Subpart M: Fall Protection one hour Subpart H: Materials Handling one hour Subpart P: Excavations one hour Electrical Safety one hour Hazard Communication one hour Elective topics total three hours

Curricula Area: Construction Safety and Health

Course Objectives:

Upon completion of the course the participant should be able to:

- . • Describe the Occupational Safety and Health Act, 29CFR1926.
- . • Identify the common causes of accidents and fatalities in hazardous areas of construction.
- . • Perform a Job Hazard Analysis or Job Safety Analysis.
- . • Recognize unsafe conditions and unsafe acts.
- . • Identify abatement techniques for hazards found in the construction industry.

Performance Measures

All students will be required to participate in all activities and will be evaluated by the Lead Trainer based on course objectives.

Students are expected to be participatory in all classroom and supplemental activities as directed by the Lead Trainer.

Curricula Area: Construction Safety and Health

Course Schedule:

	Day 1	Day 2
8	Introduction to OSHA Act and OSHA	Subpart P: Excavations
9	Hazard Communication	Subpart I: Tools/Hand and Portable; Machine Guarding
10	Health Hazards and Subpart H: Materials Handling, Storage, Use	Elective based upon needs of participants
11	Subpart K: Electrical	Elective based upon needs of participants
12		
1	Subpart M: Fall Protection	
2	Subpart X: Stairways and Ladders	

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Page 3 of 3

Hands on Exercises:

Paper/pencil exercises and observation for hazard identification in a construction setting.

Use of Advanced Technology in Curricula

All presentations for the course are illustrated with PowerPoint® driven computer slides and animations projected with a video projector. A mix of 35mm slides and video tapes add variety to presentations. Students learn to access the Internet to retrieve chemical data, find health and safety information and look for lessons learned from activities similar to those presented in the classroom.