

ATLB-1370: LABORERS SAFETY TRAINING TRANSPORT

Cuyahoga Community College

Viewing: ATLB-1370 : Laborers Safety Training Transport

Board of Trustees:

2017-06-29

Academic Term:

Spring 2019

Subject Code

ATLB - AIT-Construct/Hazard Material

Course Number:

1370

Title:

Laborers Safety Training Transport

Catalog Description:

Certification course covering the Occupational Safety and Health Administration (OSHA) standard with respect to the General Duty Clause, worker safety on construction sites and the responsibilities of the employer and employee. In addition, the safety program as prescribed by OSHA is compared to the National Institute of Safety and Health (NIOSH) and the major causes of jobsite accidents are discussed.

Credit Hour(s):

1

Lecture Hour(s):

1

Requisites

Prerequisite and Corequisite

Departmental approval: admission to Laborer's apprenticeship program.

Outcomes

Course Outcome(s):

Discuss the respective subparts of the OSHA construction standard and the General Duty Clause and examine the roles of the employer and employee with respect to jobsite safety and health.

Essential Learning Outcome Mapping:

Critical/Creative Thinking: Analyze, evaluate, and synthesize information in order to consider problems/ideas and transform them in innovative or imaginative ways.

Objective(s):

1. Review the history of OSHA and explain the General Duty Clause as it pertains to worker protection and rights.
2. Identify and define key terms related to the CFR 1926 OSHA standard.
3. Differentiate between OSHA and NIOSH.
4. Examine various subparts of the construction standard.
5. Compare the roles of the employer and employee with respect to jobsite safety and health.
6. Discuss and explain how Focus Four relates to jobsite injuries.

Methods of Evaluation:

1. quizzes
2. tests
3. class participation

Course Content Outline:

1. OSHA: General Duty Clause and Roles
 - a. History
 - i. Williams-Steiger Act (1970)
 - ii. Past incidents
 1. 1911 Triangle shirtwaist factory
 2. 1968 Consol Energy incident
 - b. General Duty Clause
 - i. Requirements
 1. Employer
 2. Employee
 - ii. Worker protection
 - c. Terminology
 - i. General Duty Clause
 - ii. Worker safety
 - iii. Vertical standard
 - iv. Horizontal standard
 - v. Safe work environment
 - vi. Subparts
 - vii. Qualified person
 - viii. Competent person
 - ix. Personal Protective Equipment
 - x. Fall protection
 - xi. Hazard communication
 - xii. Focus Four
 - xiii. Respiratory protection
 - xiv. Struck-by
 - xv. Caught in between
 - xvi. Whistle blower
 - d. OSHA vs NIOSH
 - i. OSHA Enforcement: Department of Labor
 - ii. NIOSH Investigation: Department of Health and Human Services
 - e. CFR 1926 Subparts
 - i. Regulations
 - ii. Outline format
 - iii. Competent person
 - iv. References other safety organizations
 - v. Compliance and enforcement
 - vi. Vertical and horizontal standards
 - f. Roles
 - i. Employer
 1. Safe work place
 2. Provide training
 3. Record keeping
 4. Violation citation
 - ii. Employee
 1. Adherence to safety policy
 2. Required training
 3. Whistle blower protection
 - g. Focus Four
 - i. Falls
 - ii. Electrocution
 - iii. Struck by
 - iv. Caught in between

Resources

Bauer, Roger. *Safety and Health for Engineers*. third. Hoboken, NJ; Wiley Publishing, 2016.

Yates. *Safety Professionals*. second. Boca Raton, FL; CRC publishers, 2015.

Graham and Rowley. *Occupational Safety and Health*. current. Orland Park, IL; American Technical Publishers, 2014.

Resources Other

"OSHA's 1926 Standard"

<http://www.OSHA.gov>

"Intro to OSHA" PPT

<http://www.OSHA.gov>

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