National Center for Supply Chain Automation

MASTER SYLLABUS

OSHA for General Industry

Semester Credit Hours: 2.00

Prerequisites: none

## COURSE DESCRIPTION

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Covers OSHA policies, procedures, and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive an OSHA 30 hour general industry US Dept. of Labor recognized certificate and card.

## STUDENT LEARNING OUTCOMES

Upon successful completion of the course, students should be able to perform the following:

* Locate and apply OSHA Safety and Health standards, policies and procedures for General Industry;
* Utilize OSHA standards and regulations to supplement an ongoing safety and health programs;
* Recognize the various types of hazards associated with general industry activities;
* Recognize common violations of OSHA standards and propose abatement actions;
* Implement preventative measures for incidents (accidents) in the workplace;
* Discuss common causes of accidents and fatalities in hazardous areas of general industry;
* Describe types of Personal Protective Equipment (PPE);
* Recognize PPE required to safely conduct various duties.

**COURSE OUTLINE**

The course content should be in line with US DOL OSHA30 training guidelines qualifying students to receive a recognized OSHA30 certificate and card

* Introduction to OSHA
* Walking and Working Surface and Fall Protection
* Exit Routes, Emergency Action Plans, and Fire Prevention and Protection
* Electrical
* Personal Protective Equipment
* Hazard Communication
* Materials Handling
* Machine Guarding
* Blood Borne Pathogens
* Managing Safety and Health
* Hazardous Materials
* Permit Required Confined Spaces
* Lockout/Tag out
* Welding, Cutting and Brazing
* Introduction to Industrial Hygiene
* Ergonomics
* Portable Power Tools and Other Hand-Held Equipment