



## IND105 OSHA - 10 Hour General Industry Syllabus

### Course Information

Credits	1
Campus	Washburn Institute of Technology
Address	5724 SW Huntoon
City/State/Zip	Topeka, Kansas 66604
Office Fax	785-273-7080

### Description

This course is offered in an online or face-to-face format. For the online course, all course activities are completed through an interactive self-paced website. In the face-to-face format, a variety of classroom and/or lab learning and assessment activities are used to present the material. In both formats students in this course will: explain job/site safety and precautions for job/site hazards; determine the uses of personal protective equipment (PPE); identify the safety equipment and procedures related to safe work practices and environment; identify fire prevention and protection techniques; explore Hazardous Communications (HazCom) including Material Safety Data Sheets (MSDS).

### Textbooks

Learning materials will be provided.

### Student Learning Outcomes:

- A. Communicate effectively
- B. Integrate technology
- C. Learn effectively
- D. Demonstrate cooperative teamwork skills
- E. Apply safety in the workplace
- F. Think critically and creatively
- G. Demonstrate responsible work ethics

### Competencies

1. Explain the role of OSHA in job-site safety.
2. Explain OSHA's *General Duty Clause* and *1926 CFR Subpart C*.
3. Describe the impact of accidents.
4. Identify the four high-hazard areas.
5. Demonstrate hazard recognition and risk assessment techniques.
6. Explain the basics of construction health.
7. Identify basic fall, electrical, fire, trenching, materials handling, and heavy equipment hazards, and explain the general safety procedures associated with them.
8. Explain and demonstrate the use of appropriate personal protective equipment (PPE).
9. Explain and identify the various signs, signals, barricades, markers, and tags used on a job site.
10. Demonstrate proper housekeeping procedures.
11. Demonstrate an understanding of assured equipment grounding conductor programs and the use of GFCIs.

12. Demonstrate and explain general hand- and power-tool safety guidelines.
13. Explain your company- or site-specific fall protection procedures and requirements.
14. Demonstrate and explain the proper use of ladders and scaffolding.
15. Explain the use of work permits and lockout/tagout procedures.
16. Demonstrate and explain the emergency procedures for trenching accidents.
17. Demonstrate and explain manual lifting procedures.
18. Identify the hazards of working around or on heavy equipment.
19. Describe proper rigging safety procedures.
20. Demonstrate use of hand signals.

## Guidelines for Success

### Assessments

Multiple choice assessments will be given after each unit and for the final. Students must complete each assessment with a score of 70% or higher to successfully complete the course.

### Grading Scale

Depending on the course format, the Grading Scale will be either:

#### ABC Grading Scale

90% or higher	A
89% to 80%	B
79% to 70%	C

#### Pass/NC Grading Scale

70% or higher	Pass
Less than 70%	NC

### Attendance

Attendance for a minimum of 10 hours is required by OSHA to satisfactorily complete the course.

### ADA Notification Statement and Disability Services:

The testing/ADA Coordinator office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Tech for persons with disabilities. Qualified students with disabilities MUST register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin by contacting the Testing/ADA Coordinator's office as soon as a need may arise.

Depending on the accommodation request, four to eight weeks lead time may be needed for timely and effective provision of services. Testing/ADA Coordinator coordinates and assists in arranging services it deems appropriate for eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Testing/ADA Coordinator

Phone: 785-228-6356

E-Mail: [ssscoordinator@washburn.edu](mailto:ssscoordinator@washburn.edu)

