



IND109 OSHA 30 Hour Construction Industry Certification Syllabus

Course Information

Credits	2
Campus	Washburn Institute of Technology
Address	5724 SW Huntoon
City/State/Zip	Topeka, Kansas 66604
Office Fax	785-273-7080

Description

Students will learn basic OSHA regulations and safety. The students will also learn how to read the OSHA manual properly. The course will stress the importance of personal protective equipment; fall protection, hazard recognition and other topics connect to on the job site safety. The course will also provide the student with an understanding of current safety regulation, established safety practices, and the impact of behavior and environment on injury prevention.

Textbooks

NCCER. Safety Orientation Pocket Guide. Prentice Hall. 2004. Edition: 2nd. ISBN: 978-0-13-163612-5.

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, electric, 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.

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 assure equipment grounding conductor programs and the use of GFIs.
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 proper 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

Assessment Plan

Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution's technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Rationale and Grading Scale

100% - 89% = A
88% - 79% = B
78% - 69% = C
68% - 59% = D
58% & Below = F

40% - Participation = Attendance, Tardies, Work Attire, Textbook, Tools, Behavior, Clean-up
30% - Daily Quizzes & Assignments
20% - Performance Assessments (Individual Evaluations)
10% - NCCER Accrediting Exams

Attendance

Classroom attendance is required. Material missed must be made up with instructor.

Disability

The Special Support Services (SSS) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology 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; however, contact the SSS Office as soon as a need may arise. Depending on the accommodation request, four to eight week lead time may be needed for timely and effective provision of services. SSS coordinates and assist in arranging services it deems appropriate of 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:

Special Support Services Coordinator

Phone: 785-228-6356

E-Mail: ssscoordinator@washburn.edu

