**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# **GENERAL COURSE INFORMATION**

Course Number: CRFT 1010

Course Title: Safety Orientation (OSHA 10)

Credit Hours: 1

Prerequisite:

Division/Discipline: Workforce Training and Community Education/Industrial Technology

Course Description: This course provides construction safety and health training to entry level workers. Instruction includes information regarding; construction industry and workplace occupation safety & health guidelines, worker’s rights, employer responsibilities, and the correct procedures to file a complaint.

1. **INSTRUCTOR INFORMATION**

# **COLLEGE POLICIES**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. (Most up-to-date documents are available on the College webpage).

Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu).

# **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is intended to prepare entry level employees or train incumbent workers in the carpentry/construction/plumbing trades to perform identified job tasks in accordance with federal regulations and industry standards. The course includes both practical and classroom training. Upon successful completion of the course participants will be prepared to demonstrate identified skills to employers for qualification purposes.

# **ASSESSMENT OF STUDENT LEARNING**

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

Course Outcomes, Competencies, and Supplemental Competencies:

1. Explain the importance of OSHA to workers
2. Explain the role of OSHA in job‐site safety.
3. Explain OSHA’s *General Duty Clause* and *1926 CFR Subpart C*.
4. Describe the impact of accidents.
5. Explain the basics of construction health.
6. Outline OSHA's general industry workplace safety requirements
7. Demonstrate hazard recognition and risk assessment techniques.
8. Identify the four high‐hazard areas.
9. Identify basic fall, electrical, fire, trenching, materials handling, and heavy equipment hazards, and explain the general safety procedures associated with them.
10. Explain and demonstrate the use of appropriate personal protective equipment.
11. Explain and identify the various signs, signals, barricades, markers, and tags used on a job site.
12. Demonstrate proper housekeeping procedures.
13. Demonstrate the use of equipment grounding conductor programs and the use of GFCIs.
14. Demonstrate and explain general hand and power‐tool safety guidelines.
15. Explain various site specific fall protection procedures and requirements.
16. Demonstrate and explain the proper use of ladders and scaffolding.
17. Explain the use of work permits and lockout/tagout procedures.
18. Demonstrate and explain the emergency procedures for trenching accidents.
19. Demonstrate proper manual lifting procedures.
20. Identify the hazards of working around or on heavy equipment.
21. Describe proper rigging safety procedures.
22. Demonstrate use of hand signals.
23. **INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

# **METHODS OF INSTRUCTION AND EVALUATION**

# **ATTENDANCE REQUIREMENTS**

1. **COURSE OUTLINE**