**BARTON COMMUNITY COLLEGE**

COURSE SYLLABUS

1. **GENERAL COURSE INFORMATION**

Course Number: OSHA 1928

Course Title: Fundamentals of Occupational Safety and Health General Industry

Credit Hours: 3

Prerequisite: None

Division and Discipline: Occupational Safety and Health

Course Description: This course will instruct students on the importance of the Occupational Safety and Health Act (OSHA) and regulations pertaining to General Industry standards set forth in the Code of Federal Regulations 29, Parts 1910. 1903 and 1904.

1. **CLASSROOM POLICY**

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.

The College reserves the right to suspend a student for conduct that is detrimental to the College's educational endeavors as outlined in the College catalog.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. Learn the rules of, and avoid instances of, intentional or unintentional plagiarism.

Anyone seeking an accommodation under provisions of the Americans with Disabilities Act should notify Student Support Services. Additional information about academic integrity can be found at the following link:

<http://academicintegrity.bartonccc.edu>

1. **COURSE AS VIEWED IN TOTAL CURRICULUM**

This course will provide the student with the fundamental knowledge of OSHA General Industry standards and the requirements of 29 CFR 1910 that can be used in the workplace. This is a required course in the Occupational Safety and Health Degree.

The transferability of all college courses will vary among institutions, and perhaps even among departments, colleges, or programs within an institution. Institutional requirements may also change without prior notification. It is the student's responsibility to obtain relevant information from intended transfer institutions to insure that the courses the student enrolls in are the most appropriate set of courses for the transfer program.

1. **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

1. Explain OSHA’s importance to employers and workers
2. Identify key dates
3. Explain the goals of OSHA
4. Explain why OSHA is important to workers
5. Explain the federal register system
6. Define and contrast horizontal and vertical standards
7. Analyze policies under the general duty clause 5(a)(1)
8. Explain worker rights and employer responsibilities under OSHA
9. Identify the rights of a worker to have a safe and healthful workplace
10. Train employees in recognition, avoidance and prevention of unsafe conditions
11. Define and discuss employer responsibilities to provide an safe and healthful workplace for employees
12. Explain OSHA’s inspection procedures.
13. Define and explain OSHA's inspection procedures and priorities of inspection
14. Identify employee rights and responsibilities
15. Define and explain the abatement process
16. Identify and explain general guidelines on focused inspections as they pertain to a given workplace
17. Define OSHA's general industry workplace safety requirements.
18. Identify safety requirements under the following topics:
19. Introduction to OSHA
20. General safety and health provisions. Subpart A
21. Changes in established Federal standards. Subpart B
22. Walking and Working Surfaces. Subpart D
23. Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection. Subpart E
24. Powered Platforms, Man lifts and Vehicle-mounted work platforms. Subpart F
25. Occupational Health and Environmental Control. Subpart G
26. Hazardous Materials. Subpart H
27. Personal Protective Equipment (PPE). Subpart I
28. Genera; Environmental Controls. Subpart J
29. Medical and First-Aid. Subpart K
30. Fire Protection. Subpart L
31. Materials Handling and Storage. Subpart N
32. Machinery and Machine Guards. Subpart O
33. Hand and Portable Powered Tools. Subpart P
34. Welding, Cutting and Brazing. Subpart Q
35. Electrical. Subpart S
36. Toxic and Hazardous Substances. Subpart Z
37. Inspections, Citations and Proposed Penalties. Part 1903
38. Recordkeeping and Reporting Occupational Injuries and Illness. Part 1904
39. Locate and interpret workplace safety requirements using 29 CFR parts 1910, 1903 and 1904.
40. Locate and interpret workplace requirements
41. Conduct a safety audit of a given work area
42. Prepare compliance recommendations for safety violations
43. Determine required written programs for a given workplace or industry
44. Identify requirements for a workplace safety program
45. Prepare a written HAZCOM program for a workplace
46. **INSTRUCTOR EXPECTION OF STUDENTS IN CLASS**
47. **TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE**
48. **REFERENCES**
49. **METHODS OF INSTRUCTION AND EVALUATION**
50. **ATTENDANCE REQUIREMENTS**
51. **COURSE OUTLINE**