**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

1. **GENERAL COURSE INFORMATION**

Course Number: OSHA 6010

Course Title: Safety, Health and Environmental Risk Management Principles

Credit Hours: 1.5 credit hours

Prerequisites: None

Division/Discipline: OSHA Program

Course Description: This course applies risk management principles to the areas of safety, health, and environment and focuses on applying risk identification and control techniques. The course will use breakout sessions, class discussion, and instructor resources to work on risk management problems. The course will provide an overview of risk management and its application for companies, identifying the cost of risk, and prioritizing, managing, and controlling risk.

**II. INSTRUCTOR INFORMATION**

**III. 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 Disability [Services@Bartonccc.edu](mailto:Services@Bartonccc.edu).

**IV. COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is a structured learning experience designed for the student who is currently employed in or planning to enter the Safety, Health and Environmental field or similar related occupation. It is a required course for the Safety, Health, & Environmental Professional (SHEP) certificate available via the OSHA Training Institute (OTI) Education Center network.

The transferability of all courses will vary among institutions, and perhaps even among departments, colleges, or programs within an institution. Institutional requirements may also change without prior notification. Students are responsible 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.

**V. 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:

Upon successful completion of this course the student will:

1. Develop an understanding of risk management principles.
2. Describe risk management principles using the bicycle case study.
3. Illustrate the risk management principles using the Piper Alpha oil rig disaster.
4. Describe how to apply the risk management principles to various business situations.
5. Develop an understanding of the challenges of maintaining business continuity.
6. Describe the process of identifying and evaluating risks that may affect business continuity.
7. Describe the control measures that can be used to maintain business continuity.
8. Develop an understanding of systematic risk management processes.
9. Describe the British standard BS 8800 safety management system.
10. Describe the UE specification OHSAS 18001 and the OHSAS 18002 guidelines.
11. Describe the ANSI Z-10 Occupational Health and Safety Management System that was developed as the USA national standard.
12. Describe the principles of loss control and risk control.
13. Illustrate the process of assessing risk using the Station Nightclub Fire example.
14. Describe how insurance is used to manage risk.
15. Create and present a risk management plan using one of the instructor provided scenarios.
16. Create a risk management plan for the assigned scenario as a team.
17. Present the risk management plan for the assigned scenario as a team.

**VI. INSTRUCTOR’S EXPECTATIONS OF STUDENTS IN CLASS**

**VII. TEXTBOOKS AND OTHER REQUIRED MATERIALS**

**VIII. REFERENCES**

**IX. METHODS OF INSTRUCTION AND EVALUATION**

**X. ATTENDANCE REQUIREMENTS**

**XI. COURSE OUTLINE**