**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

1. **GENERAL COURSE INFORMATION**

Course Number: HZMT 6036

Course Title: Introduction to Environmental Compliance and Management

Credit Hours: 1.5 credit hours

Prerequisites: None

Division/Discipline: Environmental Technology

Course Description: This course provides a comprehensive overview of Environmental Protection Agency (EPA) and other environmental regulations and guidelines, and interpreting standards promulgated in the Code of Federal Regulations. The course includes information on the history of EPA, specific environmental regulations regarding surface water, air, drinking water, pollution prevention, hazardous waste, the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), the Resource Conservation and Recovery Act (RCRA), and the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986.

**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.

**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 Environmental Health and Safety 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 the ability to analyze and interpret the Code of Federal Regulations (CFR) as related to compliance with the government's course of action regarding regulating the manner in which we interact with the environment.
2. Identify, interpret, and practice application of the environmental regulations concerning specific environmental regulations regarding surface water, air, drinking water, pollution prevention, hazardous waste, and emergency planning for chemical releases.
3. Identify the CFR sources for hazardous materials/chemicals handling, storage, utilization, and transportation.
4. Identify regulatory controls for various sources of pollutants in air, water and on land.
5. Develop an understanding of the 1990 Clean Air Amendments (CAAA) and its impact on affected business and industry.
6. Describe the National Ambient Air Quality Standards (NAAQS) criteria pollutants specifically regulated by CAAA.
7. Describe the CAAA Title system.
8. Develop an understanding of the Clean Water Act and its impact on affected business and industry.
9. Differentiate between Effluent Limitation Standards and Pretreatment Standards.
10. Identify and describe the applicability of five types of permits under the National Pollutant Discharge Elimination System (NPDES).
11. Identify categories of facilities considered to be engaging in potential storm water discharge associated with industrial activity.
12. Identify and describe the scope of solid waste and hazardous chemical management laws.
13. Outline the objectives of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), the Resource Conservation and Recovery Act (RCRA), and the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986.
14. List and explain potential sources pollution sources impacting clean air, clean water, and drinking water.
15. Explain the scope of the Toxic Substance Control Act.

**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**