**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# **GENERAL COURSE INFORMATION**

Course Number: MLTR1922

Course Title: Transport, Handling, and Storage of Explosives Materials

Credit Hours: 1.5

Prerequisites: None

Division/Discipline: Military Programs

Course Description: This course is designed to instruct students about the basic safety, the technical aspects, and the proper handling and transportation for ammunition and explosives. The course presents a fundamental understanding of safe handling procedures, accountability, and transportation requirements for Army personnel working in a munitions operation.

# **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 a single/specific career technical course designed for personal and/or professional development. The class provides the students the opportunity to gain knowledge in the requirements for communicating chemical and physical hazards that munitions and explosives possess during transportation, storage, and handling procedures and other various operations. The course materials follow the guidelines established by the U.S. Army Defense Ammunition Center.

# **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. Identify the characteristics of high and low explosives and the various chemical fillers.
2. Describe the characteristic and effects of high explosives.
3. Describe the characteristics and uses of low explosives.
4. Identify the uses and characteristics of chemical fillers used in explosive materials.
5. Identify the standards for recognizing and communicating the potential hazards of explosive materials for transportation and storage.
6. Prepare the shipping documents used for transporting ammunition and explosives.
7. Identify the markings used on packages containing ammunition and explosives.
8. Identify the hazard warning labels on packages containing ammunition and explosives.
9. Select the hazard warning placards for vehicles that is used to transport explosives and ammunition.
10. Discuss the safety practices that are required to be used in ammunition and explosive operations.
11. Identify the actions that are taken for a fire involving ammunition and explosives.
12. Identify self-protection measures to prevent personal injuries.
13. Determine the segregation of explosives for storage and transport.
14. Discuss the procedures that are used to manage and account for the usage of ammunition and explosive materials.
    1. Identify and prepare the forms used for tracking and maintaining accountability.
    2. Identify the personnel who is responsible for the security and managing of explosives.
    3. Describe the factors required to request ammunition and explosives for operations.

# **INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

# **METHODS OF INSTRUCTION AND EVALUATION**

# **ATTENDANCE REQUIREMENTS**

# **COURSE OUTLINE**