BARTON COMMUNITY COLLEGE
COURSE SYLLABUS

I. GENERAL COURSE INFORMATION

Course Number: MLTR1922
Course Title: Transport, Handling, and Storage of Explosives Materials
Credit Hours: 3
Prerequisites: None
Division/Discipline: Military Programs
Course Description: The purpose of this course is to provide the student with the information pertaining to the responsibilities of management of military munitions and explosive materials at the operational level workplace. It includes an overview for establishing accountability procedures, operational safety, and adequate record systems. Other areas to be stressed are the needs for compliance to governmental regulations for transportation and effective hazardous materials communications standards.

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 disabilityservices@bartonccc.edu.

IV. COURSE AS VIEWED IN THE TOTAL CURRICULUM

This course serves as an introduction to unit management in the familiarization, transportation, safety, and usage of munitions and explosive materials at operator level. 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.

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:

A. Identify the characteristics of high and low explosives and the various chemical fillers.
   1. Describe the characteristic and effects of high explosives.
   2. Describe the characteristics and uses of low explosives.
   3. Identify the uses and characteristics of chemical fillers used in explosive materials.

B. Identify the standards for recognizing and communicating the potential hazards of explosive materials for transportation and storage
   1. Prepare the shipping documents used for transporting ammunition and explosives.
   2. Identify the markings used on packages containing ammunition and explosives.
   3. Identify the hazard warning labels on packages containing ammunition and explosives.
   4. Select the hazard warning placards for vehicles that is used to transport explosives and ammunition.

C. Discuss the safety practices that are required to be used in ammunition and explosive operations.
   1. Identify the actions that will be taken for a fire involving ammunition and explosives
   2. Identify self-protection measures to prevent personal injuries.
   3. Determine the segregation of explosives for storage and transport.

D. 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.

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