**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

**SPRING 2010**

# **GENERAL COURSE INFORMATION**

Course Number: MLTR 1060

Course Title: Standard Army Maintenance System for Operators

Credit Hours: 3-5

Prerequisite: None

Division/Discipline: Military Programs

Variable Credit: 45 hours for 3 Credits; 75 hours for 5 Credits. Variable rate of 30 hours accommodates manual forms, publications, procedures and testing based on users operating experience.

Course Description: This course combines all aspects of a Maintenance Management System, and repair parts re-supply system through the use of the Standard Army Maintenance System – (SAMS) Software. Theory and application of both manual and automated tasks are presented through the use of Seminar and practical exercises. Repair part system areas of major emphasis include parts ordering procedures, Document Register management, and parts stock age and management. Maintenance Management areas of emphasis will include preparation and use of the Army Maintenance and Inspection Worksheet, deferred maintenance, licensing, equipment dispatch, Army Oil Analysis Program, scheduling equipment services, and historical records. Related subject areas include accident reporting, physical security, material condition status reporting, publications, and query by example

# **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.

# **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is a structured learning experience designed to introduce and prepare students to understand the various requirements involved in military maintenance management. The course addresses the regulatory and technical requirements of such operations and procedures using existing military automated and non-automated management systems.

# **ASSESSMENT OF STUDENT LEARNING / COURSE OUTCOMES**

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. Establish an understanding of the maintenance of a Computer System.
2. Apply the principles needed to input information, produce reports and maintain maintenance management records.
3. Employ procedures to produce and maintain supply management reports.
4. Interpret the Equipment Readiness Reports.
5. Apply procedures to manually back-up the system to sustain operations during times of computer system failure.
6. **COURSE COMPETENCIES**

1. Establish an understanding of the maintenance of a Computer System.
2. Operate and maintain a computer system.
3. Maintain database on shop operations and equipment.
4. Apply the principles needed to input information, produce reports and maintain maintenance management records.
5. Input appropriate information into organization and shop operation's database.
6. Load and maintain Master Maintenance Data File on the automated system.
7. Input equipment into automated system requiring tracking.
8. Input equipment service information into system database.
9. Create and maintain database of personnel using organization equipment.
10. Produce an equipment availability report.
11. Dispatch equipment to qualified operators.
12. Produce emergency dispatches.
13. Make equipment changes and exchanges through the automated system.
14. Issue and maintain records on vehicle operators.
15. Determine appropriate levels of maintenance.
16. Produce operational reports.
17. Employ procedures to produce and maintain supply management reports.
18. Load and maintain supply data information for requesting repair parts.
19. Produce a repair part inventory sheet and input necessary changes into the system database.
20. Order required repair parts for storage and equipment.
21. Input off-line repair parts request.
22. Process repair parts transactions.
23. Order and track repair parts for equipment.
24. Interpret the Equipment Readiness Reports.
25. Input equipment status.
26. Process equipment readiness.
27. Track and report on vehicle readiness.
28. Identify reportable pieces of equipment.
29. Analyze statistical data to ascertain trends.
30. Apply procedures to manually back-up the system to sustain operations during times of computer system failure.
31. Produce and maintain operator records.
32. Produce and maintain maintenance management records.
33. Produce and maintain supply management records.

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

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

1. **METHODS OF INSTRUCTION AND EVALUATION**

# **ATTENDANCE REQUIREMENTS**

# **COURSE OUTLINE**