

UNITED STATES MARINE CORPS
Logistics Operations School
Marine Corps Combat Service Support Schools
Training Command
PSC Box 20041
Camp Lejeune, North Carolina 28542-0041

AQM 6104

STUDENT OUTLINE

INTRODUCTION TO OPERATIONS INSTRUCTIONAL SECTION

LEARNING OBJECTIVES: Learning objectives are neither specified nor measured during this lesson; however, content is regulated to provide:

1. an explanation of the purpose, and objectives of the Operations Instructional Section,
2. an understanding of student responsibilities in conjunction with current directives that regulate section operations,
3. titles, sequence of presentation, and objectives of each lesson included in driver training, and
4. instructional section policies pertaining to safety, rest breaks, and smoking privileges.

OUTLINE

1. **GENERAL INFORMATION:**

a. Welcome to the Operations Instructional Section. Each of you should ask yourself the question, why do I need to take driver training if I want to become an automotive mechanic? The answer is simple. As a mechanic you must know how to operate each vehicle you repair to ensure all systems are functioning properly. However, it is not the intent of this section to provide you with the same training as a motor vehicle operator. For example, blackout driving, convoy operations, fording, and vehicle winching will not be addressed.

b. It is the intent of the Operations Instructional Section to train you to a degree that you can safely operate a motor transport vehicle for the purpose of conducting a road test for scheduled preventive and corrective maintenance.

c. Students who successfully complete this training and demonstrate the necessary skills to operate the vehicles will be issued a restricted "Shop Use Only" license. When you report to your duty station, you may be required to upgrade your license.

2. LESSON TITLES AND SEQUENCE OF PRESENTATION:

a. Operations and First Echelon Maintenance - M998

(1) Your driver training will commence with the high mobility multipurpose Wheeled Vehicle (HMMWV).

(2) The HMMWV is an all-wheel vehicle that comes in a variety of body styles designed to perform various missions.

(3) The HMMWV is powered by a V8 diesel engine and equipped with an automatic transmission.

(4) The objectives of this lesson are to teach you to operate the vehicle in all transmission and transfer ranges and perform the prescribed first echelon of maintenance.

b. Operations and First Echelon Maintenance - M809

(1) The M809 Series vehicles are designed for use on all types of roads, highways, and cross-county terrain.

(2) The vehicle is powered by a 240 horsepower diesel engine with a manually-operated transmission.

(3) The objectives of this lesson are to teach you the procedures used to operate and perform first echelon maintenance on the M809 Series vehicle.

(c) Operations and First Echelon Maintenance - M939

(1) The M939 are 5-ton, 6x6 vehicles that can operate on all types of roads and cross-country terrains.

(2) The M939 is powered by a 250 horse power diesel engine and equipped with a five-speed automatic transmission.

(3) The objectives of this lesson are to teach you to perform the required first echelon maintenance on the vehicle and operate the truck in all transmission and transfer ranges.

3. ADMINISTRATIVE POLICIES FOR THE OPERATIONAL INSTRUCTIONAL SECTION

a. Safety

(1) Every task you perform should begin and end with safety precautions in mind. Let's cover a few examples:

(a) Your walking in the motor pool not paying attention to what is occurring around you; someone has spilled lubricant and you accidentally step in it. We have all seen comedies where someone slips on a banana peel, funny? yes, unless it happens to you. Suppose you have lubricant on the sole of your boots and you start to enter the cab of a M809 Series vehicle? The result, who knows?

(b) Unfortunately, the following scenarios have occurred and will occur again:

1 You are working under or behind a truck and someone decides to move it.

2 You are checking the engine oil of an M939 and the hood falls.

3 Smoking while checking the fluid level of a battery and the battery explodes

4 Exceeding the prescribed air pressure for a tire and the rim is blown off.

5 Operating a vehicle before sufficient air brake pressure is available.

(c) I have just mentioned a few of the many serious accidents that could have been prevented by paying attention. Think safety!

b. Students' Responsibilities. Because of the school environment, you may at times forget your responsibilities as Marines. During your training at OIS, you will be expected to continue to march and carry out the following responsibilities and obligations:

(1) Perform, at your maximum capacity, all assigned tasks and duties.

(2) Take care of the property and facilities you will be using.

(3) Take good notes and ask questions relating to the material being taught. Do not be afraid to ask an instructor for assistance to help clarify the material in your lesson plan.

(4) Dress appropriately to weather conditions and drink plenty of water when the weather is hot. Rest breaks will be provided at designated intervals.

(5) Report any damaged equipment to your instructor, to include missing technical manual pages.

(6) Do not use any tobacco products in a government building or vehicle. You may use tobacco products in designated areas only.

(7) Another important factor which cannot be forgotten is that of self-application. How well you apply yourself, organize your time, and devote your efforts will carry a lot of weight when the final grades are tallied.

(8) Finally, work together as a "Team" and give 100 percent plus at all times.

(9) Again, welcome to the Operations Instructional Section and good luck!

REFERENCES:

ScolsO P5000.1

Program of Instruction, Automotive Organizational Maintenance Course