MGEM 2622: ATV II

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 1
Lab Hours/Week: 1
OJT Hours/Week: *

Prerequisites:
This course requires all five of these prerequisites
MGEM 1619 - Compact Diesel Service (Number of Years Valid: 5)
MGEM 1614 - Snowmobile II (Number of Years Valid: 5)
MGEM 1620 - Marine Products I (Number of Years Valid: 5)
MGEM 1612 - Outdoor Power Equipment (Number of Years Valid: 5)
MGEM 1611 - Engine Service and Rebuild (Number of Years Valid: 5)

Corequisites: None
MnTC Goals: None

This course covers the ATV carburetion and electrical systems found on all makes and models of ATVs. The learner is taught to understand carburetor and electrical systems problems. The learner is then able to troubleshoot, diagnose, and repair the ATV to original running condition. Prerequisite: First year of the Marine and Small Engine Mechanic program or instructor approval.

B. COURSE EFFECTIVE DATES: 01/16/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Test the charging system on an ATV.
2. Demonstrate repair order knowledge.
3. Diagnose fuel system problems on an ATV.
4. Test the starting system on an ATV.
5. Perform scheduled maintenance on an ATV.
6. Diagnose ignition system problems on an ATV.

D. LEARNING OUTCOMES (General)

1. The learner will identify different types of A.T.V. carburetors, remove, inspect and reassemble them to manufactures specifications.
2. The learner will understand and repair to manufactures specifications, the different types of electrical systems on A.T.V.¿s.
3. The learner will troubleshoot and test different parts on an A.T.V. and demonstrate the ordering of the parts.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted