Alexandria Technical and Community College

MGEM 2618: Motorcycle/ATV Tune-Up

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

After completion of this course, learners are able to identify maintenance services and apply previously studied two- and four-cycle engine principles to motorcycles and ATVs. Focus includes real life shop experience such as dealing with customer complaints, hands-on maintenance, and troubleshooting of motorcycles and ATVs. 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. Analyze vehicle safety.
2. Service common wear items on the vehicle.
3. Perform the responsibilities of a service writer.
4. Perform proper oil change service.
5. Understand the importance of scheduled maintenance.
6. Perform scheduled maintenance on various vehicles.
7. Analyze the vehicles condition on the dynamometer.

D. LEARNING OUTCOMES (General)

1. The learner will understand the proper procedure to tune up a motorcycle and A.T.V. with the manufactures service manual.
2. The learner will understand and test the exhaust of the motorcycle or A.T.V.
3. The learner will understand and test a motorcycle on the dynamometer.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus
G. SPECIAL INFORMATION

None noted