MGEM 1612: Outdoor Power Equipment

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 2
   Lab Hours/Week: 1
   OJT Hours/Week: *.*
   Prerequisites:
   This course requires the following prerequisite
   MGEM 1624 - Intro to Powersports Electrical Systems (Number of Years Valid: 5)
   Corequisites: None
   MnTC Goals: None
   This course includes the study of basic clutches, drive mechanisms, outdoor power equipment, and
   steering systems. Transmissions and drive systems as they apply to various manufacturers are also
   covered. This is a beginning look at the many drive systems used on lawn and garden equipment. This
   course also includes basic repair on hand held outdoor power equipment. Prerequisite: MGEM1611.

B. COURSE EFFECTIVE DATES: 12/22/1997 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Describe outdoor power equipment (OPE).
   2. Identify OPE maintenance procedures.
   3. Perform OPE maintenance procedures.
   4. Describe handheld equipment.
   5. Identify handheld service procedures.
   6. Perform handheld service procedures.
   7. Describe OPE electrical systems.
   8. Identify OPE electrical test procedures.
   9. Perform OPE electrical tests.

D. LEARNING OUTCOMES (General)
   1. The learner will describe safety requirements for outdoor power equipment and will perform and
      service maintenance as described in service manual.
   2. The learner will perform scheduled maintenance on handheld outdoor power equipment as described
      in service manual.
   3. The learner will demonstrate proper electrical service procedures for outdoor power equipment.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted