Differentials — Hcem 2265

A. Course Description
   - Credits: 2.00
   - Lecture Hours/Week: 1.00
   - Lab Hours/Week: 1.00
   - OJT Hours/Week: 0
   - Prerequisites: None
   - Corequisites: None
   - MnTC Goals: None

   This course provides students with operational work load knowledge of many OEM mobile off road equipment differentials. Including standard, limited slip, controlled traction, no spin and locking. Covering the principles of operation, gear ratios, disassembly, assembly and adjustment procedures.

B. Course Effective Dates: 3/22/98 – Present

C. Outline of Major Content Areas
   - As noted on course syllabus

D. Learning Outcomes
   1. disassemble and assemble a differential
   2. display shop safety
   3. explain differential operation
   4. explain gear ratios
   5. perform all necessary adjustments to a differential
   6. remove and install a differential from a machine

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

F. Learner Outcomes Assessment
   - As noted on course syllabus

G. Special Information
   - None noted