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

   Students will be taught how to perform routine maintenance and troubleshooting procedures in order to identify and repair or replace faulty components within a climate controlled cab in heavy construction equipment. Air-conditioning theory will be discussed. Prerequisites: HCEM1101, HCEM1130, and HCEM2135.

B. Course Effective Dates: 6/3/02 – Present

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

D. Learning Outcomes
   1. demonstrate safety goggle usage
   2. explain first aid procedures
   3. identify basic A/C components and operation
   4. identify safety procedures
   5. test system
   6. troubleshoot system
   7. use service/maintenance manuals

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

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted