CLIMATE CONTROL — HCEM 2280

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 fully replace faulty components within a climate-controlled cab in a heavy construction equipment. Air conditioning theory will be discussed. Prerequisites: HCEM 2135

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

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Diagram freon flow through identification of components. Following from liquid to gas low side and gas to liquid high side of system.
2. Identify the dangers of the A/C system specifically how to handle Freon.

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

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted