FLUID POWER SYSTEMS — HDTT 1109

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 covers the introduction to basic hydraulics and is designed to promote understanding of hydraulic theory and application related to hydraulic systems, tools, and equipment used in heavy duty trucks. The student will study principles of hydraulics, operation, component identification, and preventive maintenance. Also included will be basic information pertaining to heavy truck hydraulic brake components. Prerequisites: None

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

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

D. Learning Outcomes
   1. Demonstrate and understand professionalism and safety practices.
   2. Demonstrate and understand Hydraulic operation.
   3. Demonstrate and understand truck hydraulic brake systems
   4. Demonstrate and understand hydraulic equipment and testing practices.

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

F. Learner Outcomes Assessment
   - As noted on course syllabus

G. Special Information
   - None noted