Minnesota State College Southeast

DESL 1200: Introduction to Diesel Technology

A. COURSE DESCRIPTION
   Credits: 2
   Lecture Hours/Week: 1
   Lab Hours/Week: 2
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   This course is designed as a prerequisite for all technical diesel courses. This course covers the basics of the diesel industry. It will cover employer expectations as well as common working conditions. (Prerequisite: none) (2 credits: 1 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 03/10/2015 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Diesel Industry Terminology
   2. Wheels, Tires, Wheel Ends
   3. Fluids

D. LEARNING OUTCOMES (General)
   1. Truck classifications
   2. Truck terminology
   3. Job opportunities
   4. Define GVW
   5. Introduction to ASE
   6. Lubricants and fluids
   7. Pre-trip inspections
   8. Maintenance programs
   9. Preventative maintenance schedules
   10. Describe dead-lining and OOS
   11. On-board chassis lube systems
   12. Tires
   13. Wheel bearings
   14. Wheel end adjustment

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

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus
G. SPECIAL INFORMATION

None noted