

Minnesota State College Southeast

DESL 1201: Introduction to Diesel Technology

A. COURSE DESCRIPTION

Credits: 3

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) (3 credits: 1 lecture/2 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