

# Minnesota State College Southeast

## DESL 1260: Diesel Schematic Interpretation/Electronic Manuals

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 2

Lab Hours/Week: 4

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course addresses the description, operation, diagnosis, and service procedures related to all systems by interpreting schematic drawings used in the service industry. Major vehicle systems will be covered including, but not limited to: electrical, air, hydraulic, fuel, cooling, and diagnostics. (Prerequisites: DESL1210, INDS1622) (4 credits: 2 lecture/2 lab)

**B. COURSE EFFECTIVE DATES:** 11/26/2013 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Symbols
2. Flow Diagrams
3. System Diagrams

### D. LEARNING OUTCOMES (General)

1. Describe, identify, read and interpret schematic symbols used in the diesel industry
2. Describe, identify, read and interpret schematic diagnostic flow diagrams

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted