

# Minnesota State College Southeast

## TRDR 1410: Advanced Driving

### 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 covers all areas of advanced driving including grade driving, city driving, highway and expressway driving. This class will be the final preparation for student drivers to actively seek employment in the transportation field. For the student to be eligible for a certificate he or she must pass a CDL road test to obtain their Class A license. (Prerequisites: TRDR 1400, 1405) (4 credits: 2 lecture/2 lab)

**B. COURSE EFFECTIVE DATES:** 05/22/2007 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. Perform weight distribution principles
2. Perform backing maneuvers
3. Apply defensive driving principles
4. Vehicle instrumentation
5. Apply visual search principles
6. Apply communication techniques
7. Apply speed and space management principles
8. Manage hours of service compliance
9. Perform en-route vehicle and cargo inspections
10. Reefer operation procedures
11. City driving
12. Highway and expressway driving
13. Grade driving
14. Obey traffic laws
15. Highway, city information signs
16. Understanding laws and regulations regarding cargo securement
17. Explain brake fade
18. Operate engine brake
19. Grade driving principles
20. Cold weather start procedures
21. Adverse driving procedures
22. CDL road test
23. Hazard recognition (cross winds, curves, and uneven surfaces) .

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted