

# Minnesota State College Southeast

## TRDR 1400: Safe Driving Fundamentals

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course introduces students to the world of transportation (trucking), through lecture. It allows the student to develop an understanding of the needs and rewards of the trucking industry. It enables the student to understand the workings of driving and it prepares them for range and road operation of a tractor-trailer combination vehicle. (Prerequisite: None) (4 credits: 4 lecture/0 lab)

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

**C. OUTLINE OF MAJOR CONTENT AREAS**

## **D. LEARNING OUTCOMES (General)**

1. Drug policy
2. Alcohol policy
3. General course objectives
4. Attendance policy
5. Certification requirements
6. Student performance evaluations
7. Range safety rules
8. Street safety rules
9. Engine start up procedures
10. Engine shut down procedures
11. Seat belt importance
12. Warning devices
13. Warning devices locations
14. Mirror adjustments
15. Coupling components
16. Coupling hazards
17. Uncoupling hazards
18. Pre-trip inspection
19. En-route inspection
20. Post-trip inspection
21. Federal inspection laws
22. State inspections laws
23. Proper backing procedures
24. Proper parking procedures
25. Reverse steering maneuvers
26. Pre-positioning checks
27. Helper importance (backing)
28. Backing setup
29. Blind side backing hazards
30. Proper shifting
31. Proper gear selection
32. Trip planning
33. Synchronized transmissions
34. Non-synchronized transmissions
35. Common shifting errors
36. Double clutching methods
37. Proper scanning procedures
38. Proper communications
39. Hand canceling your signal
40. All aspects of hours of service (logs)
41. Overhead obstacles
42. Following distance formula
43. Proper lane changing
44. Speed management

45. Space management
46. Disabled vehicle-warning devices
47. Understanding the effects of speed
48. Primary controls
49. Secondary controls
50. Proper turns
51. Lifestyle
52. Trailer overhang (over swing)
53. Explain hazard recognition

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted