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