

Minnesota State College Southeast

TRDR 1405: Proficiency Development

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 aspects of operating a tractor-trailer in a confined area (Driving Range) (Backing Range). With supervised instruction, students will practice the skills learned in TRDR 1400 to the point of proficiency. The intent of this course is to prepare the student driver for solo operation. (Prerequisite: TRDR1400) (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. Safe yard procedures
2. School safety policy
3. Vehicle instrumentation
4. Perform vehicle inspections (pre-trip, en-route, post-trip)
5. Perform tractor-trailer coupling and uncoupling
6. Perform backing techniques
7. Perform right and left turns
8. Proper clutch operation
9. Operate vehicle primary and secondary controls
10. Proper accelerator control
11. Speed and space management
12. Signaling procedures
13. Mirror usage (flat and convex mirrors)
14. Proper communications
15. Visual search
16. Hours of service compliance (logs)
17. Obey traffic laws
18. Address night driving factors
19. Understanding hot weather procedures
20. Perform reverse-steering maneuvers
21. Adjust eye lead time
22. Adjust following distance
23. Head-on collision avoidance
24. Head-on collision avoidance
25. Tire failure procedures
26. Utilize ground guide
27. Perform blindside backing

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted