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