

SOUTHEAST COMMUNITY COLLEGE
ADVANCED TECHNOLOGIES & SKILLED TRADES DIVISION
PROFESSIONAL TRUCK DRIVER TRAINING
COURSE SYLLABUS
August 16, 2023

I. CATALOG DESCRIPTION

Course Number: TRUK 1114
Course Title: Professional Truck Driver Training Classroom
Prerequisite(s): None

Catalog Description: This is an intensive training course for tractor/trailer drivers. This course includes classroom training on DOT inspections, accident procedures, hours of service, trip planning, hazard perception, speed management, extreme driving conditions, and hazardous materials regulations.

Credit Hours: 4.0
Class Hours: 60
Lab Hours: 0
Total Contact Hours: 60

II. COURSE OBJECTIVES: *Course will:*

- A.** Help the student learn and understand the principles to safely operate a tractor/trailer and demonstrate the knowledge of state and federal laws governing its operation.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*

1. Demonstrate foundational knowledge of safety related aspects of truck equipment by performing daily vehicle inspections.
2. Demonstrate knowledge of safe practices while operating tractor/trailers.
3. Demonstrate an understanding of DOT regulations regarding safe operation of tractor/trailers.

B. GENERAL EDUCATION LEARNING OUTCOME:

GELO 1: Oral Communications

Outcome(s):

GELO 4: Critical Thinking and Problem Solving

Outcome(s):

IV. CONTENT/TOPICAL OUTLINE

A. Control Systems

1. Engine controls
2. Primary vehicle controls
3. Secondary vehicle controls

B. Vehicle Systems

1. Frame
2. Engine
3. Air intake and exhaust system
4. Fuel system, Lubrication system, and Electrical system
5. Axles, brake system, wheels, tires and suspension system
6. Drive train
7. Steering system
8. Coupling system

C. Trip Planning

1. Paperwork
2. Route selection
3. Estimation time
4. Estimation fuel
5. Estimation trip expenses

D. Hours of Service

1. Who must comply
2. Drive time
3. On duty time
4. Mandatory break
5. 60 hour/7 day and 70/8 day rule
6. Driver's Record of Duty status
7. Completing your Record of Duty status

E. Accident Procedures

1. Defining the situation
2. Securing the scene
3. Hazardous materials
4. Vehicle fires
5. Evaluating the accident

F. Defensive Driving

1. Visual search
2. Communication
3. Speed management
4. Space management
5. Night driving
6. Extreme driving conditions
7. Hazard perception
8. Railroad crossings
9. Emergency maneuvers
10. Skid control and recovery

G. Carrier Enforcement

1. Law pertaining to motor carriers
2. How to maintain a legal operation
3. Proper scale procedures
4. HazMat regulations

V. INSTRUCTIONAL MATERIALS

The course information document lists the current text(s) required for this class. The list is also available in the campus bookstore. The course information document also lists the tools/equipment or other supplies required for this class.

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of instruction typically include a combination of the following:

1. Lecture, video presentation, demonstration and/or online instruction

VII. METHODS OF EVALUATION

A. Methods of evaluation typically include a combination of the following:

1. Written tests, online assessments, homework assignments, and demonstrations

SCC STANDARD GRADING SCALE POLICY:

A+	95-100	C+	75-79
A	90-94	C	70-74
B+	85-89	D+	65-69
B	80-84	D	60-64
F	Below 60		

VIII. SPECIFIC COURSE REQUIREMENTS:

- A. Students must achieve an 80% grade to successfully complete the course.
- B. Students must have completed a Department of Transportation Physical Examination, have had Department of Transportation Pre-Employment Drug Screen, submitted a copy of their Motor Vehicle Record for the past three years and must have obtained a Class A Commercial Learner's Permit to progress to TRUK1124.