Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. Truck Driving COURSE NUMBER: TRDR1100

NUMBER OF CREDITS: 3 1 Lecture/2 lab

COURSE TITLE: Basic Vehicle Operation and Control Systems

CATALOG DESCRIPTION: This course introduces students to the world of transportation. Students will become knowledgeable of vehicle control systems and proficient in the basic operations of trip inspections, coupling and uncoupling trailers, starting, stopping, turning, backing and docking techniques. The student will learn to exercise basic control of the vehicle.

AUDIENCE: Truck Driving Students

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area: by meeting the following competencies:
Area: by meeting the following competencies:
Area: by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE:
None

LENGTH OF COURSE: 1 Semester

THIS COURSE IS USUALLY OFFERED:
Every other year ☐ fall X spring X summer ☐ undetermined ☐

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are:
   a.
   b.
   c.

2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through:
   a.
   b.
COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:

- a.
- b.

HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through:

- a.
- b.

TOPICS TO BE COVERED: are an introduction to transportation, vehicle control systems, trip inspections, coupling and uncoupling trailers, starting, stopping, backing, docking techniques, and basic vehicle control.

LIST OF EXPECTED COURSE OUTCOMES:
1. The student will read and interpret control systems.
2. The student will perform vehicle inspections.
3. The student will execute shifting.
4. The student will couple and uncouple a trailer.
5. The student will start, stop, and turn tractor trailer.
6. The student will back and dock tractor trailer.

LEARNING/TEACHING TECHNIQUES used in the course are:

- Collaborative Learning
- Problem Solving
- Student Presentations
- Interactive Lectures
- Creative Projects
- Individual Coaching
- Lecture
- Films/Videos/Slides
- Demonstrations
- Other (describe below)

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Tests
- Individual Projects
- Oral Presentations
- Worksheets
- Collaborative Projects
- Textbook Problems
- Papers
- Portfolio
- Group Problems
- Term Paper
- Other (describe below)

The information in this course outline is subject to revision.

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.