HIBBING COMMUNITY COLLEGE
COURSE OUTLINE

COURSE TITLE & NUMBER: Commercial Driver’s License: CDL 1500
CREDITS: 4 (Lec 4 / Lab 0)
PREREQUISITES: None

CATALOG DESCRIPTION: Commercial Drivers License includes rules and regulations covered by the Federal Motor Carrier Administration. Provide education and training to take the CDL skills test.

OUTLINE OF MAJOR CONTENT AREAS:
1. Introduction to Trucking
2. Vehicle Inspections
3. Control, Vehicle, and Basic Systems
4. Shifting Patterns and Procedures
5. Basic Backing Maneuvers
6. Coupling Sequence, and Uncoupling Procedures
7. Sliding Fifth Wheels and Tandem Axles
8. Preventative Maintenance and Servicing
9. Recognizing and Reporting Malfunctions
10. Focusing on the Road Ahead
   A. Visual Search
   B. Speed Management
   C. Night Driving
   D. Extreme Driving Conditions
   E. Skid Control
   F. Recognizing Hazardous Situations
   G. Railroad Crossings
   H. Emergency Maneuvers
   I. Accident Procedure
11. Employer expectations of a new driver

COURSE GOALS/OBJECTIVES/OUTCOMES:
1. Students will identify the rules and regulations under which the industry operates.
2. Students will perform a routine for a thorough and complete pre-trip and post-trip inspection.
3. Students will describe the role and function of engine controls, primary vehicle controls, and secondary vehicle controls.
4. Students will explain the functions and relationships between vehicle systems.
5. Students will describe the correct way to put a rig in motion, stop a rig, back up, and make turns.
6. Students will learn gear shift patterns for several types of transmissions.
7. Students will describe the correct way to safely and efficiently couple a tractor with a trailer and the controls to use when coupling or uncoupling a rig.
8. Students will explain the correct way to slide the fifth wheel of a tractor with a trailer attached. Describe the function and maneuverability of the sliding fifth wheel or trailer tandem axles.
9. Students will explain vehicle control factors.

MNTE GOALS AND COMPETENCIES MET:
N/A

HCC COMPETENCIES MET:
Thinking Creatively and Critically

STUDENT CONTRIBUTIONS:
Students are expected to attend class sessions, participate in activities and discussions, listen to and follow directions, complete assignments in a timely fashion, request assistance when needed, and contribute to a productive learning environment. Students should spend 2-4 hours per week preparing for class.

STUDENT ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.

SPECIAL INFORMATION: (SPECIAL FEES, DIRECTIVES ON HAZARDOUS MATERIALS):

Curriculum Committee Approval Date: February 7, 2018

AASC APPROVAL DATE: February 21, 2018
REVIEW DATE: February 2023