**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

**I. GENERAL COURSE INFORMATION**

 Course Number: WGHT 1214

 Course Title: Commercial Driver’s License – Class B – Behind The Wheel

 Credit Hours: 2

 Prerequisites: Valid Commercial Driver’s License Permit, passed MVR, DOT Medical Certification

Division/Discipline: Workforce Training and Community Education/ Weights and Measures

 Course Description: This course provides information and techniques necessary to successfully meet the Federal Motor Carrier Safety Administration Behind the Wheel (BTW) curriculum and acquirement of a Commercial Driver’s Class B License. Students successfully completing this course will receive a Barton certificate of completion.

**II. INSTRUCTOR INFORMATION**

**III. COLLEGE POLICIES**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The college assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

The College reserves the right to suspend a student for conduct that is detrimental to the

College’s educational endeavors as outlined in the College Catalog.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. Learn the rules of, and avoid instances of, intentional or unintentional l plagiarism.

Anyone seeking an accommodation under provisions of the Americans with Disabilities Act should notify Student Support Services. Additional information about academic integrity can be found at the following link: <http://academicintegrity.bartonccc.edu/>

**IV. COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is part of the required curriculum for the Scale Technician Certificate Program for those students not acquiring a Class A CDL. This course also serves as a standalone course for those individuals interested in acquiring a Commercial Driver’s License – Class B (CDL). This course is not intended for transfer.

**V. ASSESSMENT OF STUDENT LEARNING**

Barton Community College is committed to the assessment of student learning and to quality education. Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge. Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

Course Outcomes, Competencies, and Supplemental Competencies:

1. Demonstrate proficiency in BTW range driving exercises related to basic vehicle control skills and mastery of basic maneuvers.
2. Identify, label, and discuss components of a pre-trip, enroute, and post-trip inspection.
3. Demonstrate proficiency in proper techniques for performing various straight line backing maneuvers to appropriate criteria/acceptable tolerances.
4. Demonstrate proficiency in proper techniques for performing 45/90-degree alley dock maneuvers appropriate criteria/acceptable tolerances.
5. Demonstrate proficiency in proper techniques for performing off-set right and left backing maneuvers to appropriate criteria/acceptable tolerances.
6. Demonstrate proficiency in proper techniques for performing parallel parking blind side and sight side position maneuvers to appropriate criteria/acceptable tolerances.
7. Engage in active two-way communication during active BTW public road training sessions and discuss proficiency in public road maneuvers.
	* 1. Demonstrate proficiency in proper techniques for initiating vehicle movement, executing left and right turns, changing lanes, navigating curves at speed, entry and exit on the interstate or controlled access highway, and stopping the vehicle in a controlled manner.
		2. Demonstrate proficiency in proper techniques for performing safe and fuel-efficient shifting.
		3. Demonstrate proficiency in proper techniques for signaling intentions and effectively communicating with other drivers.
		4. Demonstrate proficiency in proper techniques for visually searching the road for potential hazards and critical objects.
		5. Demonstrate proficiency in proper habits and techniques for adjusting and maintaining vehicle speed while taking into consideration traffic and road conditions, and calculation of safe following distances.
		6. Demonstrate proficiency in safe driver behavior during their operation of the commercial motor vehicle (CMV).
		7. Demonstrate proficiency in the basic activities required by the hours-of-service (HOS) regulations.
		8. Demonstrate the ability to recognize potential hazards, including road conditions and other drivers, to reduce the severity of the hazard and neutralize possible emergency situations.
		9. Demonstrate the ability to recognize potential dangers and safety procedures with railroad-highway grade crossings.
		10. Explain how to operate a CMV safely at night, including the special requirements for night vision, communications, speed, space management, and proper use of lights.
		11. Describe special risks created by, changes in habit needed, and the heightened precautions required by driving a CMV under extreme driving conditions, such as heavy rain, high wind, high heat, fog, snow ice, steep grades, and sharp curves.
		12. Evaluate causes of skid control, jackknifing, and other emergencies and describe how to avoid and recover from emergencies.

**VI. INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

**VII. TEXTBOOKS AND OTHER REQUIRED MATERIALS**

**VIII. REFERENCES**

**IX. METHODS OF INSTRUCTION AND EVALUATION**

**X. ATTENDANCE REQUIREMENTS**

**XI. COURSE OUTLINE**