BARTON COMMUNITY COLLEGE
COURSE SYLLABUS

I. GENERAL COURSE INFORMATION

Course Number: WGHT
Course Title: Scale Industry Safety
Credit Hours: 3
Prerequisites: None
Division/Discipline: Workforce Training and Economic Development/Weights and Measures
Course Description: This course provides students entering the weights and measures industry as scale technicians the necessary background to follow accepted safety procedures across environments where scales are used. Additionally it provides students the necessary information to follow health and safety procedures in settings where products for human consumption and use are produced and sold. This is a required course for the Scale Technician Certificate Program.

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.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. The student is responsible for learning the rules of, and avoiding instances of, intentional or unintentional plagiarism. Information about academic integrity is located in the Student Handbook.

The College reserves the right to suspend a student for conduct that is determined to be detrimental to the College educational endeavors as outlined in the College Catalog, Student Handbook, and College Policy & Procedure Manual. (Most up-to-date documents are available on the College webpage.)

Any student seeking an accommodation under the provisions of the Americans with Disability Act (ADA) is to notify Student Support Services via email at disabilityservices@bartonccc.edu.

IV. COURSE AS VIEWED IN THE TOTAL CURRICULUM

This course is part of the Scale Technician Certificate curriculum. Scale technicians perform work across a wide range of environments and must be aware of and follow a broad range of safety standards. Scale technicians often work where products are manufactured and sold for human use and consumption, requiring them to follow established procedure for product safety and quality. Technicians require a solid background of the rules and regulations governing these areas and the ability to identify the appropriate reference materials and apply appropriate practices.

V. ASSESSMENT OF STUDENT LEARNING

Barton Community college is committed to the assessment of student learning at 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:

A. Demonstrate a working knowledge of safety procedures required by governmental agency regulations for common scale environments.
   1. List common hazards, including but not limited to electrical and chemical hazards, confined spaces, and fire/explosion risk.
   2. Identify the proper procedures for working around machinery, including heavy equipment and transportation.
   3. Properly identify placards and symbols identifying safety hazards.
   4. Correctly describe the appropriate safety procedures for identified hazards.
   5. List the appropriate PPE (Personal Protective Equipment) and accurately describe its proper use for various scale work environments.

B. Use appropriate reference materials, printed and online, from federal and state agencies as well as industry/company regulations.
   1. Determine and list appropriate safety procedures when placed in unfamiliar work environment.
   2. Determine the appropriate protective equipment for particular work environment.
   3. Accurately evaluate the potential safety hazards for given work situations.

C. Follow quality control procedures for common environments in which scales are found.
   1. List the appropriate HACCP (Hazardous and Critical Control Point) protocols in scale environments involving products for human use and consumption.
   2. List the appropriate sanitation and contamination protocols where applicable in the production and handling of products in industrial scale environments, including but not limited to the following industries: animal and livestock, chemical, petrochemical, fertilizer, and pesticide.

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