



## *HLC Accreditation Evidence*

Title: Scale Technician Program

Office of Origin: Vice President of Instruction - WTCE

Note: Barton Community College currently offers Weights and Measures Training leading to a state license and is in the process of seeking approval for a 25 credit hour Scales Technician program.

Barton's relationship with the Weights and Measures industry initiated several years ago when Allie Devine (former KS Secretary of Agriculture) contacted Barton's president, Dr. Carl Heilman about the opportunity to work with industry to provide continuing education. Barton pursued that opportunity and currently provides the state-mandated training (pursuant to K.S.A 83-210), testing and certification via a contract with the Kansas Department of Agriculture (KDA).

The resulting partnership with both the KDA and industry led to an awareness of the industry's need for a trained workforce and industry's request for the development of a training program.

The scale technician career field is not widely known to potential students and their families. As Barton prepares to launch the certificate program, our marketing plan will include educating students, families and the public on the career path as well as the ability to secure a financially lucrative position, with advancement opportunities. Marketing activities will include Barton's Senior Day, Barton's Junior Day, WTCE Career Fair, high school visits, 3I show and ESSDACK Career Fair.

The Scales Technician certificate program will include training that prepares students for careers in the Weights and Measures industry up to and including state certification. Students exiting the certificate program will also be strong candidates for other industries such as packing plants and grocery stores. Additionally, scale companies across the United States have verbally committed to enrolling their current scales technicians in the program. This program will attract students interested in fast-tracking into a career that provides a self-sustaining wage as well as growth opportunities.

## Scale Technician Program

The Scales Technician certificate program will include training that prepares students for careers in the Weights and Measures industry up to and including state certification. Students exiting the certificate program will also be strong candidates for other industries such as packing plants and grocery stores. Additionally, scale companies across the United States have verbally committed to enrolling their current scales technicians in the program.

This program is designed to provide the skills necessary to install, maintain, and certify scales for wholesale and retail uses. Upon completion of the certificate program, students will possess the basic knowledge and proficiency for an entry-level position in the scale industry and progress rapidly in the industry. Students will also be eligible to obtain their state license to certify scales for commercial use upon successful completion of the program.

Students must complete the required 25 credit hours before being awarded a certificate. Achievement of an overall 2.0 grade point average is required to be eligible for certificate completion.

Upon completion of the certificate program, students will:

- Demonstrate the proper usage of common scale terms and mathematics; describe the concepts of scale type and accuracy; describe the principles of scale types.
- Use NIST handbooks and state regulations to accurately discern requirements for scale specifications, installations, adjustments, and testing
- Demonstrate a working knowledge of safety procedures required by governmental agency regulations for common scale environments and follow quality control procedures for common environments in which scales are found
- Demonstrate basic truck driving knowledge as outlined in the current Commercial Driver's License manual
- Perform inspections on certain areas of the commercial vehicle as it pertains to a pre-trip examination licensing test and demonstrate the ability to safely operate a commercial vehicle through a series of traffic situations

This certificate program meets the institution's mission to improve the lives of students by providing quality training to obtain employment, increase earning ability, and qualify for promotion within employment. The certificate also provides an opportunity for national recognition and demand.

Institution Submitting Proposal	Barton Community College
Name & Title of Contact Person Phone & Email of Contact Person	Elaine Simmons, Dean of Workforce Training and Community Education, simmonse@bartonccc.edu (620)792-9214
Title of Proposed Program	Scale Technician
Proposed Suggested Classification of Instructional Program (CIP) Code	15.0702 – Quality Control Technology/Technician

CIP Code Description	A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in maintaining consistent manufacturing and construction standards. Includes instruction in quality control systems management principles, technical standards applicable to specific engineering and manufacturing projects, testing procedures, inspection procedures, related instrumentation and equipment operation and maintenance, and report preparation.
Standard Occupation Code (SOC)	51-9061 – Inspectors, Testers, Sorters, Samplers, and Weighers
SOC Description	Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.
Degree/Certificate Program Description	Certificate A
Number of Credits for the degree and all certificates requested	25 credit hours
Academic Unit	Workforce Training and Career Education
Proposed Date of Initiation	Fall 2017
Specialty Program Accrediting Agency and any Industry Certifications	Accrediting Agency: Kansas Department of Agriculture. Industry Certification: Scale Technician certificate will be issued by Barton Community College after the student successfully completes 25 credit hours of Scale Technician courses. Kansas Department of Agriculture, Weights and Measures Division, will issue a scale technician license upon successful completion of the certificate program.
Location(s) of Program	Barton Community College, Great Bend Campus
Summary of Demand for the Program	US Bureau of Labor Statistics, Occupational Outlook Handbook indicates little to no change in employment demands with a median wage of \$36,000.  The Kansas Department of Labor Long-term Occupation Projections 2014-2024 indicates an 8% growth rate with a median wage of \$44,700.
Listing of other similar programs in state/region (including enrollments and capacity)	No similar program found in Kansas Higher Education Data System

# Scale Technician



Certificate (Total Credit Hours – 25)

Entire 25-credit program can be completed in one semester.

REQUIREMENTS				
<input type="checkbox"/>	MATH	1806	Technical Math	3
<input type="checkbox"/>	NATG	1100	DC Circuit Fundamentals	3
<input type="checkbox"/>	NATG	1105	AC Circuit Fundamentals	4
<input type="checkbox"/>	WGHT	1100	Scale Industry Safety	3
<input type="checkbox"/>	BSTC	1036	Computer Concepts & Applications	3
<input type="checkbox"/>	WGHT	1101	Scale Rules & Regulations	3
<input type="checkbox"/>	WGHT	1102	Scale Principles & Technology	3
<input type="checkbox"/>	WGHT	1103	Commercial Driver's License-Class B	3
<input type="checkbox"/>	AGRI	1212	Commercial Driver's License	
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<input type="checkbox"/>				
<b>TOTAL</b>				<b>25</b>

Review Date: 10/16  
Effective Date: 08/17

Student Name: \_\_\_\_\_ ID#: \_\_\_\_\_

Placement Scores: \_\_\_ English \_\_\_ Math \_\_\_ Reading

[www.bartonccc.edu](http://www.bartonccc.edu)

1-800-748-7594

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