BARTON COMMUNITY COLLEGE

##### COURSE SYLLABUS

## GENERAL COURSE INFORMATION

Course Number: CNHI 1194

Course Title: Intermediate and Large Square Balers

Credit Hours: Variable 1-3

Prerequisites: None

Division/Discipline: Workforce Training and Com. Education/CNH Service Training

Course Description: This course is devoted to intermediate and large square balers capable of producing bales up to 4 feet X 4 feet and up to 8 feet in length. Particular attention will be devoted to the knotter system.

Variable Credit: If the student enrolls in a 4-day face to face diagnostics class, then it is a 2 credit hour course. If the student enrolls in a 2-day product update class it is a 1 credit hour course, and if the student enrolls in the 6-week online and 2-day face to face class, it is a 3 credit hour course. All sections of the course cover the same material.

## INSTRUCTOR INFORMATION

## 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](mailto:disabilityservices@bartonccc.edu).

## COURSE AS VIEWED IN THE TOTAL CURRICULUM

This course is one in a series of Case-New Holland Industrial Service Training courses. This course is not open to the general public, and is not designed as a transfer course.

1. **ASSESSMENT OF STUDENT LEARNING**

Barton Community College assesses student learning at several levels:  institutional, program, degree and classroom.  The goal of these assessment activities is to improve student learning.  As a student in this course, you will participate in various assessment activities.  Results of these activities will be used to improve the content and delivery of Barton’s instructional program.

Given appropriate training materials, live equipment, and proper diagnostic equipment the student will be able to diagnose and repair an intermediate or large square baler.

Course Outcomes, Competencies, and Supplemental Competencies:

1. Understand field operations and setup of the Intermediate and Large Square Baler.
2. Demonstrate knowledge of baler set up, and tractor attachment.
3. Using setup guides, demonstrate knowledge of operators display.
4. Understand the functionalities of the Industry Standard Organization 11783 (ISO11783) and Virtual Terminal (VT) systems.
5. Demonstrate knowledge of baler functions, and how to adjust for maximum productivity.
6. Understand the functionality, and operations of the density system.
7. Demonstrate an understanding of the ISO11783 Class III operation and functionality.
8. Demonstrate the ability to set up and use the baler data logging functions.
9. Demonstrate a working knowledge of baler systems, diagnosis and repair.
10. Understand the double knotter system, and adjustments for tying issues.
11. Know the functions and operations of the lube system, and troubleshooting issues.
12. Demonstrate understanding of the electrical system, and repair of components.
13. Demonstrate understanding of the hydraulic system, and repair of components.

## INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS

## TEXTBOOKS AND OTHER REQUIRED MATERIALS

### REFERENCES

### METHODS OF INSTRUCTION AND EVALUATION

## ATTENDANCE REQUIREMENTS

## COURSE OUTLINE