BARTON COMMUNITY COLLEGE

##### COURSE SYLLABUS

## GENERAL COURSE INFORMATION

Course Number: AGRI 1195

Course Title: Large Round Balers

Credit Hours: Variable 1-3

Prerequisites: None

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

Course Description: This course will cover in detail the operation, maintenance, and repair of round balers.

## INSTURCTOR 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.

## COURSE AS VIEWED IN THE TOTAL CURRICULUM

This course is one in a series designed to train a student utilizing equipment currently found in the agriculture industry.

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 develop those skills necessary to efficiently diagnose and repair round balers.

Course Outcomes, Competencies, and Supplemental Competencies:

1. Accurately describe the baling process for the round baler.
2. Describe the crop types and their flow into the round baler
3. Analyze the crop conditions and how they affect the round baler performance.
4. Demonstrate a working knowledge of the baler hydraulic and electrical/electronic control systems.
5. Demonstrate understanding of the baler electronic tying and wrapping systems.
6. Demonstrate understanding of the baler hydraulic bale density system.
7. Demonstrate the ability to diagnose and repair hydraulic and electrical/electronic components.
8. Analyze hydraulic failures and methods of correct repair.
9. Analyze electric failures and methods of correct repair.
10. Make adjustments to the mechanical systems of the baler to produce an acceptable end product.
11. Demonstrate adjustments for wet or dry crop.
12. Accurately adjust the bale tying systems to customer needs.

## INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS

## TEXTBOOKS AND OTHER REQUIRED MATERIALS

### REFERENCES

### METHODS OF INSTRUCTION AND EVALUATION

## ATTENDANCE REQUIREMENTS

## COURSE OUTLINE