**SOUTHEAST COMMUNITY COLLEGE**
**COURSE SYLLABUS**
**TRANS-WELDING-AG**
**Agriculture Management & Production Program**
**Revision Date: August 2020**

**I. CATALOG DESCRIPTION** **Motorized Agriculture Equipment**

**Course Number:** **AGRI 1219**

**Course Title**

**Prerequisite(s):** None

**Catalog Description:** The study of motorized agriculture equipment, pertaining to tractors, forklift, and skid steer. Basic training, operations and safety.

**Credit Hours:** 2.0
**Class Hours:** 23
**Lab Hours:** 23
**Total Contact Hours:** Total Class + Lab Hours 46

**II. COURSE OBJECTIVES:** *Course will:*

1. Explain safety regulations for motorized ag machinery
2. Demonstrate proper skid steer operation
3. Demonstrate proper forklift operation
4. Utilize trained skills of operating tractors

**III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:**

**A. STUDENT LEARNING OUTCOMES:** *Student will be able to:*

1. Explain the safety regulations for operating motorized ag equipment.
2. Effectively operate skid steer
3. Properly operate forklift for variety of warehouses.
4. Demonstrate driving procedures for various heavy-duty agriculture machinery.

**B. GENERAL EDUCATION LEARNING OUTCOMES**

**GELO #3: Critical Thinking & Problem Solving**

Critical thinkers have the ability to evaluate a problem or assumption and determine an appropriate course of action. They use reason and evidence to make judgments and decisions. Critical thinking and problem solving skills rank highly among employer expectations.

**Outcomes:**

1) Collect, identify, interpret and analyze data.

**IV. CONTENT/TOPICAL OUTLINE (*course outline may provide more detailed information)***

A. Safety regulations for operating motorized ag equipment
B. Skid steer safety and operation
C. Forklift safety and operation
D. Safety and operation of tractors and implements

## V. INSTRUCTIONAL MATERIALS

**A. Required Text(s):** No Required Text

**B. Other Resources:**

Safety glasses, Calculator, notebook, protective clothing, tools

## VI. METHODS OF PRESENTATION/INSTRUCTION

**A.** Methods of presentation typically include a combination of the following:

**B.** slide and video presentations, research and writing assignments, lecture, problem solving, field trips, guest lectures and speakers Laboratory assignments and tasks Operation and adjustment of equipment

## VII. METHODS OF EVALUATION

Methods of evaluation typically include a combination of the following:

A. Quizzes, tests, and exams
B. Laboratory Exercises and Conduct
C. Daily Evaluation
D. Final Exam

**SCC STANDARD GRADING SCALE POLICY:**

| | | | |
|---|---|---|---|
| **A+** | **95-100** | **C+** | **75-79** |
| **A** | **90-94** | **C** | **70-74** |
| **B+** | **85-89** | **D+** | **65-69** |
| **B** | **80-84** | **D** | **60-64** |
| | | **F** | **Below 60** |

## VIII. SPECIFIC COURSE REQUIREMENTS:

A. Successful completion of daily projects designed to develop specific skills which build upon one another
B. Successful completion of the two major practical exams
C. Successful mastery of lab skills is essential in this class
**D.** Students are responsible for backing up their own files onto their network drive and maintaining security.