

**SOUTHEAST COMMUNITY COLLEGE**  
**COURSE SYLLABUS**  
**TRAN-WELDING-AG**  
**Livestock Management & Production Program**  
**Revision Date: August 2020**  
[Syllabus Statements](#)

**I. CATALOG DESCRIPTION**

**Course Number:** AGRI 2245  
**Course Title** Animal Health  
**Prerequisite(s):** AGRI 1141 or Permission

**Catalog Description:** Study of management of animal health products. Review of common animal health problems and proper use of animal health products and equipment.

**Credit Hours:** 4.0  
**Class Hours:** 45  
**Lab Hours:** 45  
**Total Contact Hours:** Total of Class + Lab Hours 90

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

1. Expose the student to proper health programs and procedures used in the livestock industry.
2. Provide an understanding of common diseases found in the livestock industry.
3. Provide an understanding of common health products used in the livestock industry.
4. Provide an understanding of disease treatment strategies.
5. Provide an understanding of disease prevention practices.
6. Provide the student with the ability to communicate effectively with animal health professionals.
7. Provide the student with the ability to design livestock vaccination programs.
8. Provide the student with ability to calculate correct medication dosages.
9. Provide the student with an understanding of drug withdrawal.

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

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

1. Diagnose common diseases found in the livestock industry.
2. Plan accepted preventative health programs for livestock.
3. Safely and correctly administer animal health products.
4. Properly and safely restrain livestock for animal health procedures.
5. Perform livestock health management procedures.

## **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) Synthesize information to arrive at reasoned solutions to problems.

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

- a. Introduction to animal health
- b. Nature of disease, disease control, and sanitation
- c. Vaccination, Immunization, Quarantine, and housing of livestock
- d. Veterinary terminology and animal husbandry practices
- e. Basic farm animal diseases
- f. Administration, labeling, and restrictions of livestock vaccines and drugs
- g. Practical application and use of animal health utensils
- h. Parasitology

## **V. INSTRUCTIONAL MATERIALS**

### **A. Class Resources:**

**There is no text required. We will utilize internet resources and handouts.**

Calculator, paper & writing instrument, coveralls, gloves, and rubber boots.

## **VI. METHODS OF PRESENTATION/INSTRUCTION**

Methods of presentation typically include a combination of the following:

- a. Presentation methods will include, but are not limited to Lecture, video presentations, research and writing assignments, field trips, guest lecturers and speakers.
- b. Laboratory assignments and tasks.

## **VII. METHODS OF EVALUATION**

- A. Methods of evaluation typically include a combination of the following:
- B. Quizzes, tests, and exams
- C. Skills project and exam
- D. Research project
- E. Capstone experience
- F. Daily evaluation

### **SCC STANDARD GRADING SCALE POLICY:**

<b>A+ 95-100</b>	<b>C+ 75-79</b>
<b>A 90-94</b>	<b>C 70-74</b>
<b>B+ 85-89</b>	<b>D+ 65-69</b>
<b>B 80-84</b>	<b>D 60-64</b>

**F Below 60**

**VIII. SPECIFIC COURSE REQUIREMENTS:**

- a. Successful completion of all exams, projects, and assignments
- b. Properly and safely process College livestock for health problems
- c. Utilizing proper safety at all times in lab