

SOUTHEAST COMMUNITY COLLEGE
COURSE SYLLABUS
ADVANCED TECHNOLOGIES & SKILLED TRADES
Livestock Management & Production
Revision Date: April 2026

I. CATALOG DESCRIPTION

Course Number: AGRI 1141
Course Title Livestock Management
Prerequisite(s): None

Catalog Description: Management of livestock production. Explore career possibilities available. Develop skills by working with the swine, sheep, goat, beef and equine production units.

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

II. COURSE OBJECTIVES: *Course will:*

- a. Provide a background of the aspects of the livestock industries that affects human society.
- b. Provide the student with a basic understanding of husbandry practices for cattle, sheep, and swine production.
- c. Provide basic insights to biotechnology, genetics, marketing systems, and trade.
- d. Provide the student with an understanding of the end products produced by livestock.
- e. Provide the student with an understanding of basic livestock reproduction.
- f. Provide the student with an understanding of basic livestock nutrition.
- g. Provide the student with a brief exposure to other livestock production.
- h. Provide the student with an understanding of careers available in the livestock industry.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

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

1. Recognize the different breeds within the various species of livestock.
2. Perform standard processing practices for livestock.
3. Recognize the importance of the livestock industries in world food production.
4. Monitor and assist as necessary with the birthing process in livestock.
5. Determine proper feed requirements for different classes of livestock.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELC #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)

1. Animal contributions to human needs.
2. Livestock industries.
3. Livestock products and by-products.
4. Behavior of livestock.
5. Livestock breeds and production practices.
6. Principles of livestock reproduction.
7. Principles of basic livestock genetics.
8. Other livestock entities.

V. INSTRUCTIONAL MATERIALS

A. Required Text(s): Modern Livestock and Poultry; Flanders, Frank B.

ISBN-97982143971453

B. Other Resources: Calculator, paper & writing instrument, clothing for inclement weather, clothing for swine facility use.

VI. METHODS OF PRESENTATION/INSTRUCTION

Methods of presentation typically include a combination of the following:

- a. Methods of presentation will include, but are not limited to video presentations, text reading, classroom discussion, field trips, and handouts.
- b. Laboratory assignments and tasks.

VII. METHODS OF EVALUATION

Methods of evaluation typically include a combination of the following:

- A. Quizzes, tests, and exams
- B. Worksheets
- C. Laboratory projects
- D. Daily evaluation

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 all exams, projects, and assignments.
- b. Utilize proper and safe livestock handling practices on college livestock facilities.