

SOUTHEAST COMMUNITY COLLEGE
COURSE SYLLABUS
TRAN-WELDING-AG
Livestock Management & Production Program
Revision Date: January 2025

I. CATALOG DESCRIPTION

Course Number: AGRI 1257

Course Title Live Animal Selection & Carcass Evaluation

Prerequisite(s): None

Catalog Description: Methods of selection and evaluation of live animals and carcasses. Training in selection of replacement breeding animals of economic importance. Purchasing slaughter animals and carcasses for primal cuts within the meat industry.

Credit Hours: 2.0

Class Hours: 23

Lab Hours: 23

Total Contact Hours: Total of Class + Lab Hours 46

II. COURSE OBJECTIVES: *Course will:*

1. Explore breeds of Beef, Swine, and Sheep.
2. Explore sex, and age classifications of Beef, Swine, and Sheep.
3. Discover Live Animal Patterns
4. Discover Carcass Patterns
5. Survey the ideal Live Animal
6. Survey the ideal Carcass
7. Explain the relative values of Retail cuts of Beef, Swine, and Sheep.
8. Explain the relative values of Wholesale cuts of Beef, Swine, and Sheep.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

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

1. Identify breed classifications of livestock.
2. Identify sex classifications of livestock.
3. Identify age classifications of livestock.
4. Recognize live animal of excellence for beef, swine, and sheep.
5. Recognize carcass patterns of excellence for beef, swine, and sheep.
6. Bring into focus the relationship between the live animal and their carcass.
7. Determine the relative values of the retail cuts of slaughter animals.
8. Determine the relative values of wholesale cuts of slaughter animals.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO #2: Written Communication

Effective written communication includes an awareness of the social nature of communication, including dialogs that occur outside of the classroom. SCC students will have developed the ability to express focused, coherent, and organized original ideas and to analyze, evaluate, and respond to writing in a variety of contexts.

Outcomes:

1. Comprehend, analyze, and evaluate a given text.

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

- a. Livestock Improvement Through Selection
- b. Growth and Development of Fattening Meat Animals
- c. Live Hog Evaluation, Grading and Pricing
- d. Pork Carcass Evaluation, Grading and Pricing
- e. Visual Evaluation of Breeding Swine
- f. Live Cattle Evaluation, Grading and Pricing
- g. Beef Carcass Evaluation, Grading and Pricing
- h. Visual Evaluation of Breeding Cattle
- i. Live Lamb Evaluation, Grading and Pricing
- j. Lamb carcass Evaluation, Grading and Pricing
- k. Visual Evaluation of Breeding Sheep
- l. Scoring and Reasons

V. INSTRUCTIONAL MATERIALS

- A. Required Text(s): Modern Livestock and Poultry Production, 9th Edition, ISBN: 978-1-133-28350-8
- B. Other Resources: Calculator, coveralls, gloves, boots, notebook, and access to a computer and the Internet.
- C. Consequence for Noncompliance: Possible unsatisfactory class success.

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:
 1. Presentation methods will include, but are not limited to: slide and video presentations, research and writing assignments, field trips, guest lectures and speakers.
 2. Laboratory assignments and tasks

VII. METHODS OF EVALUATION

- A. Methods of evaluation typically include a combination of the following:
 1. Quizzes (Announced & Unannounced), tests, and exams
 2. Skills projects and exams
 3. Research projects
 4. Capstone experience
 5. 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. Properly, and safely evaluate College livestock.