

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: AG 1603 Swine Production

COURSE DESCRIPTION: 3 credit hours; 3 credit hours of lecture and 0 credit hours of lab per week

A study of the principles of swine production in the areas of breeding, nutrition, health, housing, equipment, swine management, feeder pig management, production systems and marketing.

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

Prerequisite: N/A

II. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT

The Agriculture program at Seward County Community College provides opportunities to further each student's knowledge and apply specific methods and techniques to the management and performance of agricultural operations.

III. TEXTBOOK AND MATERIALS

1. Open Educational Resources posted to course Canvas Shell
2. Swine Science

IV. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes:

1. SCCC Outcome #1 – Read with comprehension, be critical of what they read, and apply knowledge gained to real life
2. SCCC Outcome #3 - Communicate their ideas clearly and proficiently in speaking, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.
3. SCCC Outcome #5 – Demonstrate ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

V. COURSE OUTCOMES

1. The student will gain an understanding of the place of swine in the global market.
2. The student will gain an understanding of various swine production systems.
3. The student will gain an understanding of swine genetics.
4. The student will gain an understanding of swine nutrition.
5. The student will gain an understanding of swine housing.
6. The student will become more familiar with swine environmental issues.

VI. COURSE OUTLINE

1. Introduction to Swine Production

2. Housing Systems
3. Nutrition
4. Reproduction/Genetics
5. Environmental Issues

VII. INSTRUCTIONAL METHODS

1. Lecture
2. Discussion
3. Class Handouts

VIII. INSTRUCTIONAL AND RESOURCE MATERIALS

1. Course Textbook
2. Merck Veterinary Handbook
3. Swine Science, Holdne and Ensminger
4. The Science of Animal Husbandry, Blakely & Bade
5. Swine Genetics Handbook, National Swine Improvement Federation

IX. METHODS OF ASSESSMENT

SCCC Outcome #1 will be assessed and measured by classroom participation

SCCC Outcome #3 will be assessed and measured by final project and accompanying presentation

SCCC Outcome #5 will be assessed and measured by final project and accompanying presentation

X. ADA STATEMENT

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or go to the Student Success Center in the Hobble Academic building, room A149.

Last Updated: 12/05/22