

**SEWARD COUNTY COMMUNITY COLLEGE  
COURSE SYLLABUS**

**I. TITLE OF COURSE:** AG1233- Animal Science

**II. COURSE DESCRIPTION: 3 credit hours  
3 credit hours of lecture and 0 credit hours of lab per week.**

This course is an introduction to and a survey of the total animal industry from the genetic improvement to meat, milk, egg, and wool utilization.

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.

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Pre-requisite: NA

**III. 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.

**IV. TEXTBOOK AND MATERIALS:**

Scientific Farm Animal Production, Taylor, Robert J. and Field, Thomas G., Prentice Hall, 10th Edition

**V. SCCC OUTCOMES**

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

I: Read with comprehension, be critical of what they read, and apply knowledge gained to real life

II: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

III: Communicate their ideas clearly and proficiently in speaking, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

IV: Demonstrate mathematical skills using a variety of techniques and technologies.

V: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

VI: Exhibit skills in information and technological literacy

VII: Demonstrate knowledge and comprehension of the diverse cultures, creeds, and lifestyles of America and the world community.

VIII: Show the ability to contribute to political, civic, and community responsibilities as an informed member of society

**VI. COURSE OUTCOMES:**

Upon completion of this course, the student will:  
Show initiative to pursue additional learning experiences relative to domestic livestock production.

Exhibit an awareness of societal, ethical and health issues involving animals and animal products.

Demonstrate a well rounded foundation of terminology and information needed for additional academic work in the animal and equine sciences.

Exhibit an awareness of the basic scientific disciplines and how they are integrated in regard to livestock management.  
Understand the economic value of animal agriculture in Kansas and the United States.  
Understand basic production, nutrition, reproduction, and genetics in the main livestock species.

## **VII. COURSE OUTLINE:**

1. Consumer, Diet, and Health
2. Introduction to animal science
3. Anatomy, Reproductive Physiology, Genetics
4. Health, Environment, Biotechnology, Behavior

## **VIII. INSTRUCTIONAL METHODS:**

Lecture combination of textbook and supplementary material  
Transparencies / Overhead & Internet  
Guest Speakers  
Video Tapes  
In-class discussions and activities

## **IX. INSTRUCTIONAL AND RESOURCE MATERIALS:**

Instructional material will be provided by the instructor as needed:  
Current Animal Science Magazines  
Swine Industry Handbook  
Sheepman's Production Handbook  
Kansas Beef Cattle Handbook  
The Science of Animal Husbandry  
Live Animal Carcass Evaluation and Selection Manual  
Class Handouts

## **X. METHODS OF ASSESSMENT:**

Methods of assessing the general course outcomes and the specific course competencies include tests, daily work, Term paper, class attendance, and participation.  
SCCC Outcome #1 will be assessed and measured by class participation and term papers.  
SCCC Outcome #2 will be assessed and measured by classroom presentations, and term papers.  
SCCC Outcome #3 will be assessed and measured by classroom assignments involving Performance ratio=s.  
SCCC Outcome #4 will be assessed and measured by the EPD Assignments, and daily assignments giving scenario=s and the student providing acceptable responses.  
SCCC Outcome #5 will be assessed and measured by computer assignments due regarding Internet searches for Information and Organizations.  
SCCC Outcome #6 will be assessed Through the lab portion of this course. Students will be touring several Ag operations that hire employees from many ethnic backgrounds.  
SCCC Outcome #7 will be assessed and measured by participation in outreach programs provided by the Cooperative Extension Service, and attending meetings sponsored by various commodity groups.

## **XI. 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 going to the Student Success Center in the Hubble Academic building, room 149 A.

Syllabus Reviewed: 10/30/2018 15:09:33