South Central College

ANSC 1200  Livestock Lab

Course Outcome Summary

Course Information

Description
The course is designed to teach the fundamental principles of livestock genetics in a practical manner. The course deals with the physiology of reproduction and application of genetics for improvement of the livestock herd. Livestock selection materials and methods of live animal and carcass evaluation will be conducted. Subjective and objective evaluation methods and measurements will be included.

Total Credits 2
Total Hours 48

Types of Instruction

Instruction Type Credits/Hours
Classroom Presentation
On Campus Laboratory and Clinicals

Institutional Core Competencies

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Identify genetic terms
2. Identify cell parts
3. Define cell part functions
4. Describe chromosomes
5. Describe DNA
6. Explain DNA Function
7. Analyze gene function control
8. Define virus functions
9. Define Mutations
10. Describe Inheritance
11. Analyze Genetic Correlations
12. Define livestock mating systems
13. Describe Male and Female reproductive anatomy and functions
14. Identify heat detection techniques
15. Describe major hormones associated with livestock reproduction
16. Identify live animal evaluation terms
17. Identify carcass specie parts
18. Calculate breeding animals EPD's
19. Describe general animal processing techniques

SCC Accessibility Statement
South Central College strives to make all learning experiences as accessible as possible. If you have a
disability and need accommodations for access to this class, contact the Academic Support Center to request
and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507)
332-7222.

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389-7222.