South Central College

ANSC 1305 Cattle Artificial Insemination

Course Outcome Summary

Course Information

Description	This course covers artificial breeding of cattle, dairy and beef industry genetics and the science of the procedures will be addressed. Artificial insemination of cattle in the livestock industry focuses on improvement through selection and procedures that can be performed by a trained animal breeding technician. Students will gain the skills enabling them to inseminate cattle successfully.
Total Credits	1
Total Hours	16

Types of Instruction

Instruction Type	Credits/Hours
On-Campus Lab	

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. **Describe the history of artificial insemination and the use of AI technology in cattle**
2. **Identify the physiology of the cattle estrus cycle**
3. **Demonstrate proper semen tank handling and thawing procedures**
4. **Demonstrate AI handling techniques on harvested reproductive tracts and live cows**
5. **Evaluate the anatomy of a cow and a bull**

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.

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.