



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**ANIMAL HEALTH
AGR1216 3 Credit Hours**

Student Level:

This course is open to students on the college level in either the Freshman or Sophomore year.

Catalog Description:

AGR1216 - ANIMAL HEALTH (3 hrs)

This course is designed to introduce student to maintenance and care of livestock through prevention, vaccination, and general up keep and care of livestock.

Prerequisites:

None

Co-requisites:

None

Controlling Purpose:

The purpose of this this course is to provide the student with the knowledge and skill necessary to provide maintenance and care of livestock through prevention, vaccination, and general up keep and care of livestock.

Learner Outcomes:

Upon completion of the course, the student will:

1. Identify the basics of animal health
2. Describe the basics of animal respiratory and digestive systems
3. Describe the basics of Urinary and Reproductive Systems
4. Illustrate proper maintenance and care of housing, facilities and equipment

Units Outcomes and Criterion Based Evaluation Key for Core Content:

The following outline defines the minimum core content not including the final examination period. Instructors may add other material as time allows.

Evaluation Key:

- A = All major and minor goals have been achieved and the achievement level is considerably above the minimum required for doing more advanced work in the same field.
- B = All major goals have been achieved, but the student has failed to achieve some of the

less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.

- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction or training in this area.

UNIT 1: Basic Knowledge						
Outcomes: Upon completion of this unit, the students will be able to successfully Identify the basics of animal health.						
A	B	C	D	F	N	Specific Competencies:
						Demonstrate the ability to:
						List the body's natural defense mechanisms against diseases.
						Demonstrate knowledge of the causes, transmission, diagnosis, and therapy for common diseases of farm animals
						Identify mechanisms for disease prevention: biosecurity application, vaccination
						Identify and describe the five classes of drugs.
						Demonstrate the proper care and administration of drugs.
						Identify and describe the impact of diet and environment on animals' health.
						Identify special health risks in feedlot operations, appropriate precautions and implications for care and marketing.

UNIT 2: Anatomy: Respiratory and Digestive Systems						
Outcomes: Upon completion of this unit, the students will be able to successfully describe the basics of animal respiratory and digestive systems						
A	B	C	D	F	N	Specific Competencies:
						Demonstrate the ability to:
						Identify the parts of the respiratory system.
						Identify major disturbances of the respiratory system.
						Identify the parts of the digestive systems.
						Identify major disturbances of the digestive system.

UNIT 3: Anatomy: Urinary and Reproductive Systems

Outcomes: Upon completion of this unit, the students will be able to successfully describe the basics of Urinary and Reproductive Systems

A	B	C	D	F	N	Specific Competencies:
						Demonstrate the ability to:
						Identify the parts of the urinary system.
						Identify major disturbances of the urinary system.
						Identify the parts of the reproductive system.
						Identify major disturbances of the reproductive system.

UNIT 4: Basic External Care Procedures

Outcomes: Upon completion of this unit, the students will be able to successfully illustrate proper maintenance and care of housing, facilities and equipment

A	B	C	D	F	N	Specific Competencies:
						Demonstrate the ability to:
						Describe management techniques that are important in production agriculture
						Develop a resource use plan, which integrates the functions and activities of management in the organization and control of farm and ranch resources
						Describe the proper care and maintenance of an animal's microenvironment
						Describe the proper care and maintenance of an animal's macro environment

Projects Required:

Varies, refer to syllabus.

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

None

Attendance Policy:

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

Grading Policy:

The grading policy will be outlined by the instructor in the course syllabus.

Maximum class size:

Based on classroom occupancy

Course Time Frame:

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Refer to the following policies:

[402.00 Academic Code of Conduct](#)

[263.00 Student Appeal of Course Grades](#)

[403.00 Student Code of Conduct](#)

Disability Services Program:

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class and which requires accommodations, contact the Disability Services Coordinator.