



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**Animal Science & Industry
AGR1268 1 Credit Hour**

Student Level:

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

Catalog Description:

AGR1268 Animal Science & Industry (1cr)

This class is designed to coordinate with the AGR1267 Principles of Animal Science course and be the lab portion of that class. The student will be introduced to breeds of livestock, ages, and sex classifications. The student will develop an understanding of evaluation, classification, grading and interdependence of all segments of the animal industry. This is a lab course.

Prerequisites:

None

Co-requisites:

AGR1267 Principles of Animal Science

Controlling Purpose:

The purpose of this this course is to coordinate with the Principles of Animal Science course and be the lab portion of that class. The student will be introduced to breeds of livestock, ages, and sex classifications. The student will develop an understanding of evaluation, classification, grading and interdependence of all segments of the animal industry.

Learner Outcomes:

Upon completion of the course, the student will:

1. Perform evaluation, classification, grading and interdependence of all segments of the beef industry.
2. Perform evaluation, classification, grading and interdependence of all segments of the swine industry.
3. Perform evaluation, classification, grading and interdependence of all segments of the sheep industry.
4. Perform evaluation, classification, grading and interdependence of all segments of the goat industry.

Units Outcomes and Clock Hours of Instruction for Core Curriculum:

The following outline defines the minimum core content not including the final examination period.

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DISCLAIMER: THIS INFORMATION IS SUBJECT TO CHANGE. FOR THE OFFICIAL COURSE PROCEDURE CONTACT ACADEMIC AFFAIRS.

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:						
Outcomes: Perform evaluation, classification, grading and interdependence of all segments of the beef industry.						
A	B	C	D	F	N	Specific Competencies <i>Students will be able to</i>
						Analyze breeds, sex, age and grade classifications for beef.
						Analyze live animal and carcass evaluation to improve the beef industry for breeding, harvesting, and consumers.
						Relate the relationship between live animal evaluation and carcass composition.
						Utilize expected progeny differences, understand their meaning, and their use in different situations with in the beef industry.
						Demonstrate oral reasons to defend their decision.

UNIT 2:						
Outcomes: Perform evaluation, classification, grading and interdependence of all segments of the swine industry.						
A	B	C	D	F	N	Specific Competencies <i>Students will be able to</i>
						Analyze breeds, sex, age and grade classifications for swine.
						Analyze live animal and carcass evaluation to improve the swine industry for breeding, harvesting, and consumers.

						Relate the relationship between live animal evaluation and carcass composition.
						Utilize expected progeny differences, understand their meaning, and their use in different situations with in the swine industry.
						Demonstrate oral reasons to defend their decision.

UNIT 3: Outcomes: Perform evaluation, classification, grading and interdependence of all segments of the sheep industry.						
A	B	C	D	F	N	Specific Competencies <i>Students will be able to</i>
						Analyze breeds, sex, age and grade classifications for sheep.
						Analyze live animal and carcass evaluation to improve the sheep industry for breeding, harvesting, and consumers.
						Relate the relationship between live animal evaluation and carcass composition.
						Utilize expected progeny differences, understand their meaning, and their use in different situations with in the sheep industry.
						Demonstrate oral reasons to defend their decision.

UNIT 4: Outcomes: Perform evaluation, classification, grading and interdependence of all segments of the goat industry.						
A	B	C	D	F	N	Specific Competencies <i>Students will be able to</i>
						Analyze breeds, sex, age and grade classifications for goats.
						Analyze live animal and carcass evaluation to improve the goat industry for breeding, harvesting, and consumers.
						Relate the relationship between live animal evaluation and carcass composition.
						Utilize expected progeny differences, understand their meaning, and their use in different situations with in the goat industry.
						Demonstrate oral reasons to defend their decision.

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.