



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**EQUINE PRODUCTION I
AGR1270 3 Credit Hours**

Student Level:

This course is open to students on the college level in either the freshman or the sophomore year.

Catalog Description:

AGR1270 - EQUINE PRODUCTION I (3 hrs)

Equine Production I will give the student opportunity to review history, breeds, careers, and all segments of the horse industry. An overview of equine anatomy and physiology, including feet and legs, and equine health will be introduced.

Prerequisites:

None

Controlling Purpose:

The purpose of this course is to introduce the equine industry and history of the horse. Students will review management procedures and welfare issues as they pertain to the horse. This course is an overview of equine anatomy and physiology, including an in-depth study of horse's feet and legs and their proper handling and care. The study of equine health will include the control and management of diseases and parasites, and the application of routine handling and management to horses.

Learner Outcomes:

The Learner Outcomes of this course is to educate students in the basic principles of equine care and management as they relate to hoof care, diseases, conformation, and animal welfare. Upon completion of this course, students should be able to understand and explain the general equine industry and how it affects other businesses, the history of the horse, various breeds and colors, general behavior and handling safety, training techniques of the past and present, how to age a horse, dental care, grooming, anatomy, conformation as it relates to form and function, illnesses related to the horse, common lameness and their causes, genetics, color-coat genetics, genetic diseases, the basic health knowledge, diseases and vaccinations, and parasites and their control.

Units Outcomes and Criterion Based Evaluation Key for Core Content:

The following defines the minimum core content not including the final examination period. Instructors may add other content 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: History and Handling

Outcomes: Upon completion, the student will be able to discuss the general horse history, breeds, colors, parts of the horse, handling and training techniques, general outer evaluation and health care.

A	B	C	D	F	N	Specific Competencies
						Demonstrate the ability to:
						Discuss the history of the horse and its relationship with humans.
						Recognize the various breeds of horse.
						Know the base colors and the modifiers that create the different color coats.
						Know the key landmarks on a horse's body.
						Discuss general behavior both individual and in the herd.
						Discuss handling and safety of the handler.
						Discuss training techniques of the past and present.
						Know how to age the horse.
						Know dental care regimens.
						Discuss grooming schedules, techniques, and requirements.
						Discuss coat and skin issues and prevention techniques.

UNIT 2: Exercise Physiology

Outcomes: Upon completion, the student will be able to discuss the skeletal anatomy and functions, be able to explain conformation and general common faults of the form to the functions they would be asked to do, hoof anatomy and the care involved, lameness associated, be able to recognize unsoundness and blemishes.

A	B	C	D	F	N	Specific Competencies
						Demonstrate the ability to:
						Know the skeletal anatomy of the horse.

						Discuss exercise physiology as it pertains to the horse.
						Discuss general conformation perfections and faults.
						Discuss conformation as it relates to form and function.
						Discuss lameness issues and prevention related to conformation.
						Know hoof anatomy.
						Know the general care of the horse's hoof.
						Discuss lameness issues and prevention related to the hoof.
						Discuss various unsoundness issues.
						Discuss blemishes.

UNIT 3: Health and Wellbeing

Outcomes: Upon completion, the student will be able to discuss various common genetics, issues and diseases related, color patterns; basic health normal temperatures, pulse, respirations, common drugs in the industry, diseases and vaccinations involved, parasite control, and rotations.

A	B	C	D	F	N	Specific Competencies
						Demonstrate the ability to:
						Know the basics of genetics as it relates to coat colors.
						Discuss how to achieve various colors when looking to breed.
						Discuss the various genetic diseases and how to prevent them.
						Know the temperature, pulse, and respiration norms of the horse.
						Discuss common drugs and their use in the horse.
						Know the most common diseases affecting horses today and how it affects the horse.
						Know the prevention methods of those diseases.

						Know the most common parasites that affect horses today.
						Know the common prevention and control techniques of those parasites.

Projects Required:

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

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 Timeframe:

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 which requires accommodations, contact the Disability Services Coordinator.