

Discipline: Agriculture	Sub-discipline: Equine Science
General Course Title: Equine First Aid	Min. Units: 1 Semester
Proposed Suffix:	
<p>Course Description: Preventive medical techniques for dealing with foot problems, lameness, nutritional, and parasitic disorders of horses. Includes a discussion of bandaging, first aid, the pre-purchase exam, an introduction to reproductive health, and when to call the vet from the vet's perspective.</p>	
Required Prerequisites or Co-Requisites ¹	
Advisories/Recommended Preparation ²	
<p>Course Objectives: <i>At the conclusion of this course, the student should be able to:</i></p> <ul style="list-style-type: none"> • Recognize and manage basic equine health problems. • Employ appropriate restraint and safety procedures during an examination. • Determine parasite control methods for maintenance of a healthy horse. • Recognize the symptoms of and propose treatment for colic, encephalomyelitis, rhinopneumonitis, and West Nile virus. • Recognize common lameness problems and recommend appropriate treatments. • Identify reproductive parts of the horse. • Summarize the key elements of equine reproductive health. • Describe common causes of nutritional disorders and determine remedies. • Provide appropriate first aid and emergency care. • Evaluate a horse for suitability during a pre-purchase exam. • Determine when it is necessary to call a veterinarian. 	
<p>Course Content:</p> <ol style="list-style-type: none"> 1. Introduction <ul style="list-style-type: none"> A. Overview of equine health problems B. Safety and restraint during an exam 2. Reproductive Health and Foal Management <ul style="list-style-type: none"> A. Basic Anatomy and Physiology of the Reproductive System B. Management of the foal 3. Common Problems and Remedies <ul style="list-style-type: none"> A. Encephalomyelitis <ol style="list-style-type: none"> 1. Symptoms 2. Treatment B. Rhinopneumonitis <ol style="list-style-type: none"> 1. Symptoms 2. Treatment C. West Nile virus <ol style="list-style-type: none"> 1. Symptoms 2. Treatment D. Colic <ol style="list-style-type: none"> 1. Symptoms 2. Treatment <p>Equine First Aid (Content Continued)</p>	

¹ Prerequisite or co-requisite course need to be validated at the CCC level in accordance with Title 5 regulations; co-requisites for CCCs are the linked courses that must be taken at the same time as the primary or target course.

² Advisories or recommended preparation will not require validation but are recommendations to be considered by the student prior to enrolling.

<ul style="list-style-type: none"> E. Common lameness problems <ul style="list-style-type: none"> 1. Types 2. Remedies F. Foot problems <ul style="list-style-type: none"> 1. Types 2. Treatments G. Nutritional disorders <ul style="list-style-type: none"> 1. Types and symptoms 2. Treatment 	
<ul style="list-style-type: none"> 4. Common Procedures <ul style="list-style-type: none"> A. Floating teeth B. Cleaning sheath C. Vaccinations <ul style="list-style-type: none"> 1. Types 2. Sites 3. Methods D. General physical examination E. First aid / emergency care 5. When to Call the Veterinarian 	
<p>Laboratory Activities: Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.</p>	
<p>Methods of Evaluation: Lecture Comprehensive Quizzes and Exams Written Critical Thinking Scenarios Problem Analysis and Solution Research and Term Papers</p>	<p>Methods of Evaluation: Laboratory Laboratory Skill Validation by Observation Laboratory Projects and Reports Laboratory Research Projects and Reports Laboratory Skill Practicum Exams</p>
<p>Typical Textbooks, Manuals, or Other Support Materials <u>Equine Science</u>, 2nd edition. Parker, Rick. Delmar Publishers, 2002.</p>	
<p>Statewide Articulation: Transfers as a lower division elective.</p>	
<p>FDRG Lead Signature: _____ Date: _____</p>	
<p>Mark E. Bender, PhD CSU Stanislaus</p>	
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