

Discipline: Agriculture	Sub-discipline: Equine Science
General Course Title: Equine Facilities	Min. Units: 0.5 Semester
Proposed Suffix:	
<p>Course Description: A variety of barns and facilities will be examined on an all-day (Sonoma County) tour. Discussion topics will include location, uses, materials used, building codes, costs, and environmental regulation.</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"> • Discuss the history and development of the equine industry. • Analyze animal welfare and environmental concerns related to equine facilities. • Compare and contrast a variety of equine facilities and their functions. • Compare and contrast the usefulness and cost of a variety of building materials. • Describe the equipment needed to properly operate an equine facility. • Locate and interpret county building codes pertaining to barns. • Describe a workable traffic plan for vehicles and horses at a facility. • Examine feed storage options and discuss pros and cons of each 	
<p>Course Content:</p> <p>I. History and Development of the Equine Industry</p> <ul style="list-style-type: none"> A. Evolution and domestication of the horse B. Historic and cultural uses C. Economic importance D. Cultural contributions and ethnic influence on the industry E. Legislation <p>II. Equine Facilities</p> <ul style="list-style-type: none"> A. Environmental regulations B. Animal welfare considerations C. Functions D. Building materials <ul style="list-style-type: none"> 1. Options 2. Costs E. Building codes F. Equipment needed G. Traffic flow H. Feed storage <p>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 Industry handouts and instructor prepared materials.</p>	
<p>Statewide Articulation: CSUF-A SCI 153, other universities as lower division elective.</p>	
FDRG Lead Signature:	Date:

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.

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Internal Tracking Number