

Discipline: Agriculture	Sub-discipline: Plant Science
General Course Title: Forage Crops	Min. Units: 3 Semester
Proposed Suffix: L	
<p>Course Description: Production, harvesting, and utilization of principle California forage crops; the importance of forage crops as a supplement to livestock enterprises; the use of forage crops as soil enhancers on irrigated and range pastures. Laboratory required.</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"> • Describe cultural practices used on local crops. • Describe important crops in regions of California. • Utilize common terminology of crops. • Identify common pests of forage crops. • Evaluate quality of crops. • Identify common forage crops and their seeds. • Describe the importance of economic units. • Describe processing and storage methods used for forage crops. • Program crop rotation plans. • Identify and operate common equipment used for forage production. 	
<p>Course Content:</p> <ol style="list-style-type: none"> 1. Adaptability Factors of Forage Crops <ol style="list-style-type: none"> A. Seasons B. Temperatures C. Precipitation and irrigation D. Topography E. Suitable varieties F. Resistance to crop pests 2. Cultural Practices Used on California Forage Crops <ol style="list-style-type: none"> A. Preplant and seedbed B. Planting C. Cultivation D. Fertilization E. Irrigation F. Pest control (weeds, insects, and diseases) G. Harvest H. Storage on the farm 3 Rotations for Forage Crops <ol style="list-style-type: none"> A. Why use them B. Various systems C. Integration of labor and machinery D. Economic units <p>Forage Crops (Content Continued)</p> <ol style="list-style-type: none"> 4. Equipment 	

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"> A. Land preparation B. Planters C. Irrigation D. Pest control E. Harvesters F. 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 Reports Laboratory Research Projects and Reports Laboratory Skill Practicum Exams</p>
<p>Typical Textbooks, Manuals, or Other Support Materials Various, no uniform text used.</p>	
<p>Statewide Articulation: CPSLO-CRSC 123, CPP-PLT 223/L, UCD-PLS 112, others as lower division elective</p>	
<p>FDRG Lead Signature: _____ Date: _____</p>	
<p>Mark E. Bender, PhD CSU Stanislaus</p>	
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