

Discipline: Agriculture	Sub-discipline: Viticulture
General Course Title: Grapevine Pruning	Min. Units: 1 Semester
Proposed Suffix: L	
<p>Course Description: Introduction to the theory and practice of pruning grapevines. Lecture stresses the vine's response to pruning and introduces terminology and equipment. Laboratory consists of pruning and related jobs in field.</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"> • Identify parts of the vine important to pruning • Understand the selection of pruning methods • Judge the level of pruning required to produce quality grapes • Understand the terminology used in grapevine pruning • Learn the proper selection of tools • Compare cane and cordon pruning methods 	
<p>Course Content:</p> <ol style="list-style-type: none"> 1. Pruning and Training Young Vines <ol style="list-style-type: none"> A. Dormant season training of young vines B. Theoretical aspects of pruning C. Pruning mature grapevines D. Training young vines after bud break 2. Grapevine Anatomy and Physiology in Relation to Pruning <ol style="list-style-type: none"> A. Winegrape, table grape and raisin cultivars B. Internal and external structures C. Photosynthesis and its relationship to pruning 3. Tool Selection and Care <ol style="list-style-type: none"> A. Selection of proper pruning tools B. Sharpening and tool care 4. Pruning Methods <ol style="list-style-type: none"> A. Minimal pruning B. Pre-pruning C. Mechanical pruning 5. Pruning Types <ol style="list-style-type: none"> A. Head trained B. Cane systems C. Cordon systems 6. Pruning Disease Problems <ol style="list-style-type: none"> A. Eutypa Lata B. Techniques to avoid disease problems <p>Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.</p>	
Methods of Evaluation: Lecture	Methods of Evaluation: Laboratory

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.

Comprehensive Quizzes and Exams Written Critical Thinking Scenarios Problem Analysis and Solution Research and Term Papers	Laboratory Skill Validation by Observation Laboratory Projects and Reports Laboratory Research Projects and Reports Laboratory Skill Practicum Exams
Typical Textbooks, Manuals, or Other Support Materials <u>Grapevine Pruning</u> , Jackson & Schuster. <u>Grape Growing</u> , Weaver. <u>Local Farm Advisor Publications</u>	
Statewide Articulation: Transfers as lower division elective	
FDRG Lead Signature:	Date:
Mark E. Bender, PhD CSU Stanislaus	
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