

Discipline: Agriculture	Sub-discipline: Wine Education/Enology
General Course Title: <b>Advanced Winemaking</b>	Min. Units: <b>3 Semester</b>
Proposed Suffix: <b>L</b>	
<p>Course Description:  Advanced course in winemaking, including development of winemaking style, experimentation in production practices and enhancement of wine quality. Students perform a winemaking project that may result in journal publication. Course provides essential skills for a career in commercial winemaking. Lab fee will be assessed. Student must be at least 21 years of age in order to participate in wine tasting.</p>	
Required Prerequisites or Co-Requisites <sup>1</sup>	
Advisories/Recommended Preparation <sup>2</sup>	
<p>Course Objectives: <i>At the conclusion of this course, the student should be able to:</i></p> <ul style="list-style-type: none"> <li>• Conduct enological applied research for publication.</li> <li>• Investigate the effect of viticulture and winemaking variables or sensory attributes.</li> <li>• Propose, create and refine winemaking styles.</li> <li>• Meet the educational requirements of a junior-level commercial winemaking position.</li> </ul>	
<p>Course Content:</p> <ol style="list-style-type: none"> <li>1. Develop a winemaking style</li> <li>2. Winemaking experimentation theory</li> <li>3. Small-lot winemaking</li> <li>4. Individual variety differences</li> <li>5. Variable treatments for specific wine types</li> <li>6. Resolution of conflicting variables</li> <li>7. Long-term aging studies</li> <li>8. Alternate barrel choices</li> <li>9. Blending choices</li> <li>10. Preparation of materials for publication</li> </ol>	
Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.	
<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  Diagnoses and Problem Solving  Laboratory Skill Practicum  Certification Exams</p>
Typical Textbooks, Manuals, or Other Support Materials Under Review	
FDRG Lead Signature:	Date:
Mark E. Bender, PhD CSU Stanislaus	

<sup>1</sup> 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.

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

[For Office Use Only]	<b>Internal Tracking Number</b>