SYLLABUS

EV 204 – SCIENCE OF WINEMAKING II

WINTER 2015

INSTRUCTORS
Tim Donahue and Sabrina Lueck

CONTACT
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FORMAL CONTACT HOURS
Lecture      MW 8:00AM-9:30AM
Lab          Section A1 – TTh 8:00AM-10:00AM
             Section A2 – TTh 10:30AM-12:30PM
Office Hours By appointment

COURSE DESCRIPTION
Emphasizes the chemistry of winemaking, wine analysis and quality control. Students will learn wine composition, wine analytical techniques, and the relevance of these analyses to winemaking decisions. Students will also gain knowledge of wine filtration and post-fermentation wine stewardship.
Prerequisites: Successful completion of EV 203.

INTENDED LEARNING OUTCOMES
• Understand the chemistry behind and methods of basic wine analyses through observation, and reproduce the lab analyses via hands on practice.
• Repeat analyses including pH, titratable acidity, ethanol, free and total sulfur dioxide, and volatile acidity.
• Independently reproduce individual lab analyses in a vintage work environment and be able to appraise the results.
• Understanding the methods to evaluate, manage and modify various chemical components in a winery environment.
• Evaluation of various species of wine phenolics, experience their taste perception, how to manage them in wine by investigating their responses to ageing, varietal type and fining regimes in a laboratory environment.
COURSE TOPICS

- Wine chemistry
- Wine spoilage and quality control
- Wine analytical techniques
- Wine filtration and reverse osmosis

GRADING

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Pre-lab quizzes</td>
<td>80</td>
</tr>
<tr>
<td>9 lab assignments</td>
<td>225</td>
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<tr>
<td>Lab practical exam</td>
<td>100</td>
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<tr>
<td>Final exam</td>
<td>100</td>
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<tr>
<td>Participation and attendance</td>
<td>20</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>525</strong></td>
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CANVAS HYBRID CLASSROOM

All quizzes, assignments, and written exams are hosted on Canvas. All open, close, and due dates are viewable. Students are responsible for monitoring important dates and may not be given in-person reminders regarding due dates.

ATTENDANCE

Attendance is mandatory, and will be monitored and documented intermittently. Lack of attendance will be reflected in your participation and attendance score. Work is not an acceptable excuse.

LATE SUBMISSION OF ASSIGNMENTS

Assignments and exams “close” on Canvas when they are due. This prevents late submission of assignments and exams. Please contact your instructors at least 3 days prior to the due date if you require a deadline extension. The instructors have the right to deny requests for deadline extensions.

OPTIONAL TEXTBOOKS

These text books are optional – this means that understanding of their content will not be graded. However, they are excellent resources and are exceptionally valuable for crafting your responses to lab assignments.


NOTES

Students must adhere to the Walla Walla Community College Code of Conduct. Please refer to the Code of Conduct for the College Plagiarism Policy.

You are required to cite all of your source for all lab assignments. Each lab assignment must include a properly formatted references section. Wikipedia is not a source and personal communication may be accepted depending on the qualifications of the person being quoted.
LAB
For information on the lab portion of this class, please read the Lab Manual.

OCCUPATIONAL HEALTH AND SAFETY
Students are required to read and understand the document “Emergency Procedures Handbook”. This information is available at various locations on campus. Please see the course coordinator if there is anything that is unclear in this document or with suggestions to improve the content.

IN CASE OF BAD WEATHER AND CLASS CANCELLATION OR COLELGE CLOSURE
This course moves at a very brisk pace. We have no lectures scheduled for catch up classes and are unable to move lecture to alternative times. If lecture is cancelled, students are responsible for viewing the lecture presentation on Canvas. If lab is cancelled, Tim or Sabrina will email the class with an updated plan.

DISABILITY STATEMENT
To request accommodations related to a disability, contact Claudia Angus, Ph.D., Coordinator of Disability Support Services, at (509) 527-4262 or email claudia.angus@wwcc.edu.