

## Department:

Viticulture and Enology

## Course Description:

This course will discuss the major aspects of winery establishment and design, including the legal and regulatory process, layout, and design and those effects on winery economics, cash flow, marketing, and investment generation.

## Course Competencies:

Upon completion of the course, the student should be able to:

1. Identify the key individuals in the winery design team.
2. Describe how a design project will be influenced by image and branding of the winery.
3. Understand the effect of the anticipated volume of production will affect design.
4. Identify the components of the business plan that are essential for winery establishment and design.
5. Develop a master plan for the winery.
6. Identify components of the winery design that can be modified to attain higher levels of sustainability and the costs associated therewith.
7. Understand winery energy efficiency (i.e. Leadership in Energy and Environmental Design: LEED).
8. Identify federal, state, and local regulatory and compliance requirements that are essential for winery establishment and design (i.e. zoning and license requirements)
9. Understand the key dimensional requirements and the critical adjacencies required for various winery functions.
10. Understand basic electrical system needs for refrigeration and equipment operation in a winery.
11. Understand ventilation, heating, cooling systems in a winery.
12. Design waste water system capable of handling water volume to clean and sanitize winery equipment.

## Course Content:

- A. Business Plan.
- B. Winery design master plan.
- C. Sustainable Design.
- D. Federal, State, and local regulatory and compliance requirements.
- E. Individuals involved in winery design.
- F. Key dimensional requirements and critical adjacencies for winery functions.
- G. Key building and mechanical systems of a winery.

## Learning Assessments:

Course competencies will be assessed by use of portfolios and presentations, field observations, class projects and activities, active participation in course dialog, and scholarly activities including discovery, application, and integration.

## Instructional Materials:

Wine by Design; Stanwick and Fowlow; Wiley 2010, 2e; ISBN 978-0470721414

### Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students **must** complete the "Disabilities Self-Identification Form" at this link:  
<https://highlandcc.edu/pages/disability-services>.

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.

#### A Note on Harassment, Discrimination and Sexual Misconduct

Highland Community College seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and College policy prohibit harassment, discrimination and sexual misconduct. Highland Community College encourages anyone experiencing harassment, discrimination or sexual misconduct to talk to report to the Vice President for Student Services, the Human Resources Director or complete an online report [https://cm.maxient.com/reportingform.php?HighlandCCKS&layout\\_id=1](https://cm.maxient.com/reportingform.php?HighlandCCKS&layout_id=1) about what happened so that they can get the support they need and Highland Community College can respond appropriately.

There are both confidential and non-confidential resources and reporting options available to you. Highland Community College is legally obligated to respond to reports of sexual misconduct, and therefore we cannot guarantee the confidentiality of a report, unless made to a confidential resource. Responses may vary from support services to formal investigations. As a faculty member, I am required to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. For more information about policies and resources or reporting options, please visit the following website:  
<https://highlandcc.edu/caffeine/uploads/files/Approved%20Equity%20Grievance%20Policy.pdf>.