

YEARLY PLANNING DISCUSSION TEMPLATE

General Questions

Program Name _Viticulture and Enology_____ **Academic Year 2022-2023**__

1. Has your program mission or primary function changed in the last year?

No changes

2. Were there any noteworthy changes to the program over the past year? (eg, new courses, degrees, certificates, articulation agreements)

No changes. There is the intention to offer a AS and Certificates in Winemaking and an Online Certificate in Vineyard and Winery Administration.

3. Is your two-year program map in place and were there any challenges maintaining the planned schedule?

No changes or challenges.

4. Were there any staffing changes?

No staffing changes.

5. What were your program successes in your area of focus last year?

There have been improvements in the Integrated Pest Management course with improved coordination to offer a very comprehensive course.

Another course that has been changing is Winemaking Operations with improved participation since each student group is now responsible for specific wines.

Learning Outcomes Assessment

- a. Please summarize key results from this year's assessment.

Lower scores were in VEN 102 plant biology content and understanding of irrigation regimes. In Grapevine Physiology scores were unusually good, perhaps due to newer materials. In VEN 101 more focus in primary fermentation kinetics and effects of malolactic fermentation are needed.

- b. Please summarize your reflections, analysis, and interpretation of the learning outcome assessment and data.

In VEN 102 more emphasis should be in the plant biology content since it is not a prerequisite and for many students this is the base course in plant biology, more focus is needed in the basics of plant biology. Also, more details in regulating irrigation.

- c. Please summarize recommendations and/or accolades that were made within the program/department.

To provide the Winemaking AS and certificates and the Online Certificate in Vineyard and Winery Administration.

- d. Please review and attach any changes to planning documentation, including PLO rubrics, associations, and cycles planning.

None currently.

Distance Education (DE) Modality Course Design Peer Review Update (Please attach documentation extracted from the *Rubric for Assessing Regular and Substantive Interaction in Distance Education Courses*)

- a. Which courses were reviewed for regular and substantive interactions (RSI)?
None.

- b. What were some key findings regarding RSI?
N/A

- Some strengths: N/A
- Some areas of possible improvement: N/A

- c. What is the plan for improvement?
N/A

CTE two-year review of labor market data and pre-requisite review

- a. Does the program meet documented labor market demand?

According to EDD Employment Development Department of the state of California for Farmers, Ranchers, and Other Agricultural Managers, (SOC Code : 11-9013), 89,800 job openings are estimated for 2018-2028, with an hourly mean of \$45.34. And Agricultural Inspectors, (SOC Code : 45-2011), 3,500 job openings for 2018-2028 with an hourly mean of \$25.76

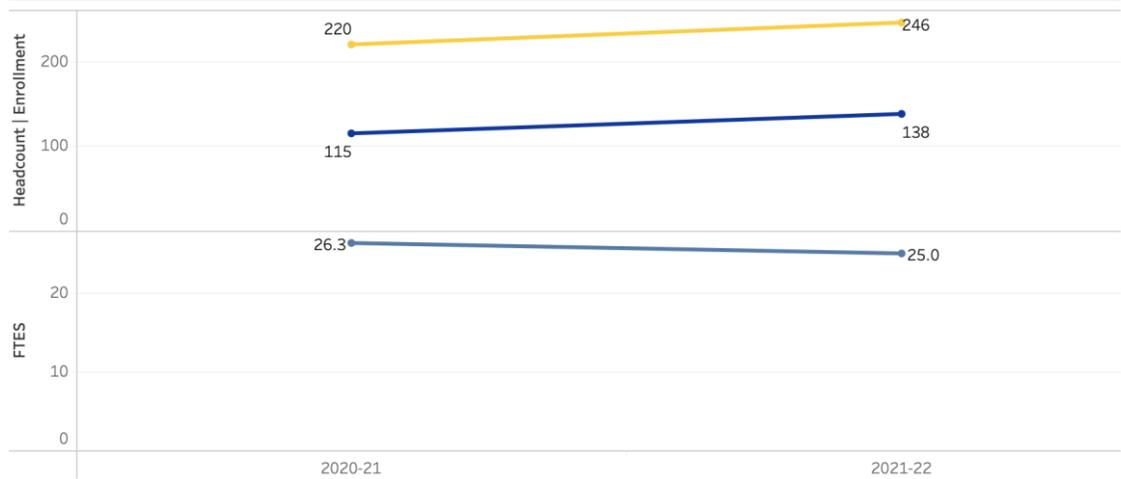
- b. How does the program address needs that are not met by similar programs?

This program is very specialized in viticulture and enology, which is one of the largest in crop production in California.

- c. Does the employment, completion, and success data of students indicate program effectiveness and vitality? Please, explain.

There has been lower enrollments right during and after COVID but enrollments are growing back again in Fall 2022 and Spring 2023.

Enrollment | Headcount | FTES



5-Year Headcount by Course

Course	5-Year Aggregate Headcount Data		2020-21	2021-22
	VEN101	108	69	41
VEN102	80	51	30	
VEN120	37	7	30	
VEN310	28	17	11	
VEN114	24	13	11	
VEN311	24	12	12	
VEN103	20	20		
VEN301	16		16	
VEN121	14	4	10	
VEN324	14		14	
VEN122	12		12	
VEN302	11		11	
VEN308	11		11	
VEN125	9	6	3	
VEN330	9		9	
VEN320	8		8	
VEN315	7	3	4	
VEN104	6		6	
VEN314	6	6		
VEN321	5	1	4	
VEN130	3	3		
VEN140	3	3		
VEN141	2	2		
VEN142	1		1	
VEN322	1		1	

d. Has the program met the Title 5 requirements to review course prerequisites, and advisories within the prescribed cycle of every 2 year for CTE programs and every 5 years for all others?

Yes. They were reviewed in 2022.

e. Have recommendations from the previous report been addressed?

We still need to prepare the following:

Stackable Winemaking Certificates and new AS	Increased awareness of the AHC V&E program	New this year	Goal E1, SLS2, SLS3	Social media marketing, field visits,	Better outreach to increase awareness of the program and student completions	Other	2023
New Certificates in Sustainable AG with emphasis in viticulture and Vineyard and Winery Administration (Online)	Increased awareness of the AHC V&E program	New this year	Goal E1, SLS2, SLS3	Social media marketing, field visits,	Better outreach to increase awareness of the program and student completions	Other	2024
5 Year Class Schedule	Increased awareness of the AHC V&E program	New this year	Goal E1, SLS2, SLS3	Social media marketing, field visits,	Better outreach to increase awareness of the program and student completions	Other	2022

Use the tables below to fill in **NEW** resources and planning initiatives that **do not apply directly to core topics**. *This section is only used if there are new planning initiatives and resources requested.*

Sample:

New Program Planning Initiative – Yearly Planning Only	
Title:	<i>(Short description of the planning initiative)</i> Telescope night
Planning years:	<i>(The academic years this will take to complete)</i> 2021-22 to 2024-25
<p align="center">Description:</p> <p><i>(A more detailed version of initiative. Please include a description of the initiative, why it is needed, who will be responsible, and actions that need to happen, so it is completed.)</i></p> <p>The success levels of our courses have indicated that students need to have a hands-on experience with finding and pinpointing important celestial objects. Having a telescope night would allow students to learn how to align and find objects.</p>	

Resources:

Priority Level: Low Medium **High**

Resource Type: **Equipment** Staff Faculty Supplies and Materials

Quantity: 1

Per Item Price: \$69.99

Price with taxes/shipping, etc.: \$76.00

Description:

Telescopes for students to use during the telescope nights. It is a 70mm telescopes for Adults Astronomy & Kids & Beginners, 300mm Portable Refractor Travel Telescope (15X-150X) with A Smartphone Adapter& A Wireless Remote

https://www.amazon.com/ToyeeBee-Telescope-Telescopes-Professional-Smartphone/dp/B095XQVTNM/ref=sr_1_4?crd=256FVSAQ5EU0P&keywords=telescope&qid=1667944660&sprefix=telescop%2Caps%2C160&sr=8-4&ufe=app_do%3Aamzn1.fos.18ed3cb5-28d5-4975-8bc7-93deae8f9840

New Program Planning Initiative – Yearly Planning Only

Title: New Vineyard Sprayer

Planning years: 2024

Description: the old 20 yr. sprayer has many problems including occasional leaks and need replacement. A sprayer is indispensable to keep healthy crops and healthy vines.

Resources: District Lottery

Priority Level: Low Medium **High**

Resource Type: **Equipment** Staff Faculty Supplies and Materials

Quantity: 1

Per Item Price:

Price with taxes/shipping, etc.:8,534.00

Description: New sprayer

Resources:

Priority Level: Low Medium High
Resource Type: Equipment Staff Faculty Supplies and Materials
Quantity:
Per Item Price: **Price with taxes/shipping, etc:**
Description:

Resources:

Priority Level: Low Medium High
Resource Type: Equipment Staff Faculty Supplies and Materials
Quantity:
Per Item Price: **Price with taxes/shipping, etc:**
Description:

New Program Planning Initiative – Yearly Planning Only	
Title:	New Trellis Demo block
Planning years:	2023-2026
<p>Description:</p> <p>A demonstration of newer trellis systems at the campus Vineyard in Santa Maria</p>	
Resources:	
<p>Priority Level: Low Medium High Resource Type: Equipment Staff Faculty Supplies and Materials Quantity: Per Item Price: Price with taxes/shipping, etc: est. \$7,500 Description:</p>	

Also from previous plan:

Resource Requests (Program, RRX year)	Item	Program Goal	Type	One-time cost	On-going cost (per fiscal year)	Anticipated Completion Date or On-going
Marketing program campaign	1	Program Outreach	Other	\$10,000		2022-2023 and ongoing
Dish washer	2	Sanitization	Equipment	\$15,000		2022
ORP Sensors	3	Wine quality	Technology	\$5,000		2022
Electricity upgrades at Winery	4	Winemaking Operations	Facilities	\$5,000		2022
Wine lab analysis equipment	5	Wine quality and stability	Technology	\$5,000		2022
Pickup truck	6	Mobility and transport for donations, visits, wine deliveries	Equipment	\$35,000		2023
Semiautomatic Bottling	7	Wine quality	Technology	\$35,000		2025
Tasting room area improvements	8	Improve lab area for winery demonstrations and sales	Facilities	\$3,000		2024
Wine Barrels	9	Show current technology	Technology	\$3,000		2024
Red Fermentation Tank	10	Showcase red fermentation with lees management	Technology	\$5,000		2024