Program Review

Summary and Reflections with Unit Goals, Action Plans, and Updates

Instructional Program - Veterinary Technology (VTAH)

Executive Summary

Describe the successes and challenges your unit has faced since the last comprehensive review.
In May 2020, our program became AVMA accredited. AVMA accreditation is considered the highest standard of achievement for veterinary medical education in the United States. The AVMA/CVTEA accreditation committee identified the following program strengths affordable tuition, extraordinary student access to a wide variety of animal species, and students receive a well-rounded curriculum from dedicated program personnel who have a wide variety of clinical experience. The accreditation will help us serve our community's needs and provide our students with more career opportunities. Through Perkin's funding, we've been able to purchase state-of-the-art veterinary equipment giving our students the opportunity to learn how to use the state-of-the-art veterinary equipment prior to employment. This year we purchased two new digital x-ray system.

The AVMA CVTEA committee identified an area that needs improvement is the need for our facility to emulate contemporary veterinary facilities. New cabinetry and flooring was installed during the Summer of 2023. The program's curriculum needs an overhaul. The current curriculum has been in place for over 20 years. There is a need to align with current industry standards in both equipment and software.

If applicable, describe any major curricular or service changes your unit has engaged in and the impact of those changes since the last comprehensive review.

If applicable, describe the impact of any new resources (human, fiscal, etc) on the unit and/or action plan implementation.

If you assess OUTCOMES, please confirm that the outcomes have been reviewed for accuracy. If you do not assess Outcomes, skip this question.
Reviewed & Accurate

Related Documents for Charts and Graphs

Executive Summary Complete
Yes

Data Reflection

Trends observed in program/service area's data.
Student interest continues to increase. We have 82 new student applications for 32 open spots to start fall of 2023.

Describe any equity gaps in the data. Are there differences and/or patterns observed by demographics (e.g.race/ethnicity, gender, age, etc.)
In San Diego County the veterinary technician occupation is considered a priority job. COE examined the equity gaps within these jobs. For veterinary technicians the equity gaps included: underrepresented by males (75% females 25% males), 30% represented by Hispanic/Latinx, 8% represented by Asian, 5% Black/African American, 0.3% American Indian/Alaska Native, and 0.4% Native Hawaiian/Pacific Islander.

The core indicator report for our students showed that overall, our students are successful at the attainment of skills and at attaining employment. The gaps in student performance is evident in the Latinx and Asian/Pacific Islander students with economically disadvantaged families.

Related Documents for Charts and Graphs

Describe the discussion(s) that took place about the unit's learning outcomes assessment data.
All Course Learning Outcomes are assessed utilizing a comprehensive final exam. All CLOs are assessed every course every semester.

Summary and Reflection

Data Reflection Complete
Yes

Practice Reflection

Describe current practices your program/service area has engaged in that you believe impact the above data trends and equity gaps.
To improve equity gaps, students' employment, non-traditional participation, and completion rates the program will:
a) Upgrade, replace, and purchase state-of-the-art veterinary equipment and software for the Veterinary Technology Program. The veterinary equipment and software will provide Latinx and Asian/Pacific Islander from economically disadvantaged families with an opportunity to learn how to use the equipment and practice prior to entering the work environment. The equipment will improve student success, retention, and completion, as well as potentially draw in more students from nontraditional populations.
b) Collaborate with high school districts to create articulation agreements with high schools to develop career pathways for high school students. Creating these pathways with the high schools provides an opportunity to increase nontraditional participation in the program.
c) Develop a Certificate of Achievement in Veterinary Assistant that would allow students to enter the workforce faster.
d) Faculty will attend professional development conferences to remain current on veterinary skills and to improve teaching practices.
e) Increase outreach to non-traditional students. Our faculty will host, attend career fairs, and attend local outreach events.

What other factors (internal or external) might also impact the above data trends and equity gaps?
Other factors that might impact the equity gap in student performance is student access to academic support. For example, providing students with time management and studying skills resources.

Related Documents for Charts and Graphs

Practice Reflection Complete
Yes

Mid-Cycle Updates

YEAR 2 Updates (2023 - 2024)
Provide any edits or updates to the prompts originally documented in the Executive Summary section for Year 2.
Edits were made in the executive summary section

Provide any edits or updates to the prompts originally documented in the Data Reflection section for Year 2.
Edits were made in the executive summary section

Review Outcomes Report. Review the unit's outcomes assessment process for 2022 - 2023. Discuss connections to unit goals/action plans/resource requests.
Edits were made in the executive summary section

Provide any edits or updates to the prompts originally documented in the Practice Reflection section for Year 2.
Edits were made in the executive summary section

YEAR 3 Updates (2024 - 2025)
Provide any edits or updates to the prompts originally documented in the Executive Summary section for Year 3.
Edits were made in the executive summary section.

Summary and Reflection

Provide any edits or updates to the prompts originally documented in the Data Reflection section for Year 3.

Student interest continues to increase. There were 86 applications for 32 seats to start the program in the Fall 2024. We expect to graduate 23 students in Spring 2025, an increase from Spring 2024, when we graduated 16 students.

Review Outcomes Report. Review the unit's outcomes assessment process for 2023 - 2024. Discuss connections to unit goals/action plans/resource requests.

VTAH 135 and 140 are in need of additional student support services to help improve student success.

Provide any edits or updates to the prompts originally documented in the Practice Reflection section for Year 3.

We continue to improve equity gaps, students' employment, non-traditional participation, and completion rates by purchasing state of the art veterinary equipment, attend and host new student outreach events, and support faculty and staff professional development conference travel.

YEAR 4 Updates (2025 - 2026)

Provide any edits or updates to the prompts originally documented in the Executive Summary section for Year 4.

In June 2025, the American Veterinary Medical Association (AVMA) awarded The Veterinary Technology Program full accreditation. Perkins funding enabled our program to purchase an anesthetic machine, support faculty conference travel, and provide support for curriculum development.

Provide any edits or updates to the prompts originally documented in the Data Reflection section for Year 4.

Equity gaps were identified in the Black/African American students, with a course success rate of 78.3% and a Percentage Point Gap (PPG) of -8.4% suggesting their success rate is more than 8% points below all other students. Latinx students have -3.63% PPG, meaning that the Latinx student success rate is more than 3% points below all other students. Students with unknown ethnicity have -9.8 % (PPG) points below all other students below.

Student interest continues to increase. In Fall 2025, there were 71 complete applications for 32 seats, increasing from Fall 2024 when there were 61 complete applications. We expect 20 students to graduate in Spring 2026, an increase from Spring 2025, when we graduated 19 students.

Review Outcomes Report. Review the unit's outcomes assessment process for 2024 - 2025. Discuss connections to unit goals/action plans/resource requests.

VTAH 135, 145, and 140 are in need of additional student support services to help improve student success.

Provide any edits or updates to the prompts originally documented in the Practice Reflection section for Year 4.

We continue to improve equity gaps, students' employment, non-traditional participation, and completion rates by purchasing state of the art veterinary equipment, attend and host new student outreach events, and support faculty and staff professional development conference travel.

YEAR 5 Updates (2026 - 2027)

Provide any edits or updates to the prompts originally documented in the Executive Summary section for Year 5.

Provide any edits or updates to the prompts originally documented in the Data Reflection section for Year 5.

Review Outcomes Report. Review the unit's outcomes assessment process for 2025 - 2026. Discuss connections to unit goals/action plans/resource requests.

Provide any edits or updates to the prompts originally documented in the Practice Reflection section for Year 5.

Unit Goals, Action Plans, and Updates

Goal 1: Update Curriculum

Unit Goal: Goal 1: Update Curriculum

Goal Status: Active

Beginning Year: 2022 - 2023

Projected Completion Year: 2026 - 2027

Mapping

Mesa College Strategic Plan: Roadmap to Mesa2030:

- **Completion - Objective 1:** Develop pathways that provide students with clarity about degree, certificate, and transfer requirements. (✓)

Action Plans	Updates
Action Plan Status: Active **Action Plan:** 1. Convening a curriculum development committee 2. Identify key issues and trends in specific content areas 3. Assessing needs and issues **Action Plan Cycle:** 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023	**Submission Date**: 12/02/2024 **Action Plan Update**: Continue to collaborate with faculty, staff, advisory committee members to identify industry trends in specific content areas. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track **Submission Date**: 11/22/2024 **Action Plan Update**: We continue to review and evaluate other AVMA accredited RVT programs curriculum to help guide our development process. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track **Submission Date**: 12/03/2023 **Action Plan Update**: We continue to progress and have received helpful feedback from our industry partners. This year we plan to review and evaluate other AVMA accredited RVT programs curriculum to help guide our development process. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track

Goal 2: Align with industry standards: equipment and software

Unit Goal: Goal 2: Align with industry standards: equipment and software

Goal Status: Active

Unit Goals, Action Plans, and Updates

Beginning Year: 2022 - 2023

Projected Completion Year: 2025 - 2026

Mapping

Mesa College Strategic Plan: Roadmap to Mesa2030:

- **Completion - Objective 4:** Support students' access to resources to mitigate the impact caused by technological and basic needs insecurity (✓)
- **Stewardship - Objective 4:** Establish a college-wide practice and schedule that addresses routine maintenance and renewal of equipment, facilities and technology to ensure access to adequate resources and better serve students (✓)

Action Plans	Updates
Action Plan Status: Active **Action Plan:** Purchase state-of-art veterinary equipment **Action Plan Cycle:** 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023	**Submission Date**: 12/02/2024 **Action Plan Update**: September 2024 new X-ray machines were installed and new anesthetic machines were approved for purchase. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track **Submission Date**: 12/03/2023 **Action Plan Update**: Last year we purchased state-of-art veterinary equipment which included an ultrasound machine and advanced teaching tools. This year we are in process of purchasing state-of-art full digital X-ray machines. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track
Action Plan Status: Active **Action Plan:** Purchase cloud-based veterinary practice management software **Action Plan Cycle:** 2025 - 2026, 2024 - 2025, 2023 - 2024, 2022 - 2023	**Submission Date**: 12/02/2024 **Action Plan Update**: Currently working with the veterinary practice management software vendor. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track **Submission Date**: 12/03/2023 **Action Plan Update**: In progress, acquiring final quotes for the cloud-based veterinary practice management software and determining our funding source. **Update Year**: 2023 - 2024 **Action Plan Progress**: On Track