

YEARLY PLANNING DISCUSSION TEMPLATE

General Questions

Program Name Veterinary Technology **Academic Year** 2022-2023

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

No. The primary function of preparing veterinary assistants to use the Alternate Route Pathway to RVT Licensure remains the same. The veterinary technology program provides training that can lead to new or enhanced career opportunities for students while fulfilling the veterinary community's need for highly skilled, licensed veterinary technicians. Students in the veterinary technology program will therefore be prepared for employment in careers which can provide upward economic mobility without the need for university-level preparation.

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

Elective courses in Animal Feeding & Nutrition, Introductory Clinical Laboratory Techniques, and Cooperative Work Experience have been successfully created and added to the program requirements as options for a new 3-unit elective expectation effective Fall 2023.

Learning Outcomes Assessment

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

Program completion indicates attainment of the PLOs. As a cohort program, the data are based on the same student population. A small percentage of students do not enroll in the second semester of the program, but generally return in following years to complete the program and are in high demand in the workforce.

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

SPOL data entry within the last five years was incomplete. The faculty needs to review the outcome measures to be able to capture program strengths and weaknesses.

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

Elective courses VT102 Animal Feeding & Nutrition, VT308 Introductory Clinical Laboratory Techniques, and Cooperative Work Experience have been successfully created and added to the program requirements as options for a new 3-unit elective expectation per 2021-2022 recommendations.

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

There are no planned changes currently.

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

There are no challenges in maintaining the planned schedule.

4. Were there any staffing changes?

Yes. A full time instructor/coordinator has been hired.

The staffing change is due to retirement of previous instructor/program coordinator. One (1) full-time tenure-track veterinary technology faculty position was filled in August 2022.

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

- Admission of 22 students into Fall 2023 cohort, with an additional student planning to reenter the program in Spring 2024.
- Graduates of the program continue to earn their Registered Veterinary Technician license thereby providing them with the opportunity to shift to higher-paying positions within the veterinary industry.
- Graduates of the program continue to be in high demand.

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

6. Does the program meet documented labor market demand?

Yes. In 2022, 300 Registered Veterinary Technician (RVT) jobs were available in San Luis Obispo and Santa Barbara counties. This job sector has a predicted growth rate of 21% through 2028, making demand for RVTs high.

Regional Breakdown



County	2022 Jobs
Santa Barbara County, CA	153
San Luis Obispo County, CA	146

Figure 2. 2022 RVT Job Demands. Lightcast Occupational Overview

Occupational Projections of Employment (also called "Outlook" or "Demand") [\[Top\]](#)

Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
California	2018 - 2028	9,900	12,000	2,100	21.2	10,910

Figure 3. Occupational Outlook for RVTs in California. EDD Labor Market Outlook.

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

The Allan Hancock College Veterinary Technology Program is the only local veterinary technology program preparing students to sit for licensure through the California Alternate Route Pathway to RVT Licensure. Current course offerings prepare students for the national licensing examination and to function as competent entry level veterinary technicians.

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

Occupational demand and wage trends are increasing in the veterinary technology field. According to our industry collaborators, increased business due to the Covid-19 pandemic continues to lead to a significant increase in work load at veterinary clinics and there is a notable lack of qualified RVT and veterinary assistants to fill the employment gaps. Students completing the program continue to have little difficulty finding employment.

9. 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 and all are appropriate.

10. Have recommendations from the previous report been addressed?

- From the 2021-2022 Program Update, a full-time instructor and program coordinator has been hired for a 10 month position, (vs. the 11 month position recommended).
- Elective courses in Animal Feeding & Nutrition, Introductory Clinical Laboratory Techniques, and Cooperative Work Experience have been successfully created and added to the program requirements as options for a new 3-unit elective expectation. Additional elective courses, as suggested by the Veterinary Technology Advisory Committee may be considered in the future.
- A dedicated instructional space is still urgently needed.
- Potential separation of the program into a Veterinary Assistant track and RVT track, and development of an accredited Veterinary Technology program is on hold at this time due to changes occurring at the California Veterinary Medical Board level.

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	
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
Description:	
<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:	
<p>Priority Level: Low Medium <u>High</u></p> <p>Resource Type: <u>Equipment</u> Staff Faculty Supplies and Materials</p> <p>Quantity: 1</p> <p>Per Item Price: \$69.99 Price with taxes/shipping, etc.: \$76.00</p> <p>Description:</p> <p>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</p> <p>https://www.amazon.com/ToyeeBee-Telescope-Telescopes-Professional-Smartphone/dp/B095XQVTNM/ref=sr_1_4?crd=256FVSAQ5EU0P&keywords=telescope&qid=1667944660&sprefix=telescope%2Caps%2C160&sr=8-4&ufe=app_do%3Aamzn1.fos.18ed3cb5-28d5-4975-8bc7-93deae8f9840</p>	

New Program Planning Initiative	
Title:	Dedicated Instructional Space
Planning years:	ASAP
Description:	
<p>A lack of dedicated instructional facility and storage space is the primary obstacle which impedes the growth of our program and hinders student learning outcomes. Dedicated instructional space and storage will allow for greater hands-on skills development for students in the program. The classroom should have a tile floor for easy clean-up/disinfection, lab/lecture tables with electrical outlets, white boards, A/V projection/screen system, electrical outlets on the perimeter, shelving to display anatomic models, counter tops for lab equipment, adequate wall space for posters, separate storage room, sink, cabinet to hold 30 microscopes, instructor’s desktop computer.</p>	

Resources:

Priority Level: Low Medium **High**

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: **1 room**

Per Item Price: unknown **Price with taxes/shipping, etc:** unknown

Description:

Resources:

Priority Level: Low **Medium** High

Resource Type: **Staff**

Quantity: **1**

Per Item Price: Salary. \$3471-4430 monthly. **Price with taxes/shipping, etc:** 12 months

Description:

Instructional Technician for Veterinary Skills Laboratory. Hire a skills laboratory assistant, potentially part-time with increase to full time as program grows, or share with another program to get to full time hours.

With increasing equipment, program is in need of ongoing maintenance of consumable supplies and equipment care, maintenance, and replacement, as well as set-up and break down of skills labs. To date, the veterinary technology faculty seeks creative alternatives to obtaining much needed supplies and equipment, take turns in preparing learning environments, and clean-up and up-keep of supplies and equipment.

Instructional Technician, Veterinary Skills. Under supervision of the Dean, Academic Affairs, performs technical work in the skills laboratory preparations, oversee supply stockroom, maintains skills laboratory, monitors need for repair, maintenance, and replacement of care technologies- IV pumps, computers, hi-fidelity manikins as well as adequate supplies for veterinary skills and simulation courses.

Essential Functions and Qualifications

- Upkeep of the skills laboratory.
- Inspect and repair laboratory equipment. Ensure working condition of equipment for veterinary skills and simulation.
- Assist with request for services – vendors and college work order requests.
- Research and recommend timely purchase of supplies and equipment.
- Identify equipment for surplus.
- Maintain inventory of consumable supplies – gloves, medications, etc.
- Manage storeroom.
- Assemble equipment, materials, and supplies.
- Safely dispose of medical sharps. Ensure adequate sharps disposal containers.
- Maintain OSHA compliance.

Perform other duties as assigned.

Resources:

Priority Level: Low **Medium** High

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

Quantity: 30

Per Item Price: **Price with taxes/shipping, etc: \$50,000 already set aside for these from grant funding**

Description:

Once a dedicated facility is established, previously granted funding allocations for a classroom set of 30 microscopes can be used.

Set of 30 compound binocular light microscopes with 4x, 10x, 40x, and 100x objective lenses. Microscope supplies: immersion oil, lens cleaner, lens cleaning paper, glass slides, cover slips.

New Program Planning Initiative

Title: Training manikins

Planning years: 2023-2024

Description:

The ability for students to practice skills on training manikins is essential to their workplace success. There are limited opportunities for students to practice and fully develop confidence and competence in performing the skills outside of a veterinary hospital. In order to take full advantage of the dental equipment currently owned by the program, dental manikins are essential. Proper maintenance and repair is needed on currently owned manikins used for venipuncture and catheter placement training.

Resources:

Priority Level: Low Medium **High**

Resource Type: **Equipment**

Quantity: 4

Per Item Price: \$4500 **Price with taxes/shipping, etc: \$18,925.00**

Description:

4 Canine Dental simulator models to be used for hands-on training of dental prophylaxis. These allow for practical simulation of manual and ultrasonic scaling, probing, nerve blocks. They also have a tongue, epiglottis, esophagus, and trachea to allow for intubation training. Jaws are also radio-dense to allow for dental radiograph positioning training.

Resources:

Priority Level: Low Medium **High**

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

Quantity: 25

Per Item Price: unknown **Price with taxes/shipping, etc:** unknown

Description:

Dosimetry badges for students in Spring semester, necessary if we purchase radiodense training manikins in order to use dental X-ray machine the program currently owns.

**Program Coordinator to research if above purchase is made. Cost for dosimetry badges is generally quite minimal.

Resources:

Priority Level: Low Medium **High**

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

Quantity: 1

Per Item Price: unknown at this time **Price with taxes/shipping, etc:** unknown

Description:

Teaching surgical monitoring is best accomplished with a visual and tactile learning experience. Surgical simulation equipment/software that can run simulations of vital sign parameters to allow students to learn surgical monitoring techniques.

<https://wholelogic.com/>

or

<https://www.isimulate.com/realiti360>

****Program Coordinator to get quotes

Resources:

Priority Level: Low Medium **High**

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

Quantity: 10

Per Item Price: \$107.48 **Price with taxes/shipping, etc:** \$1074.80 not inclusive of taxes and applicable fees

Description:

Most venipuncture training models have fallen into disrepair. Replacing the “skins” and “veins” on these models are instrumental in providing students with the ability to perform venipuncture and intravenous catheterization skills. Many of the current manikins will become usable if repaired with new skins and tubing.

<https://surgireal.com/products/replacement-canine-leg-skin>

<https://surgireal.com/products/replacement-canine-leg-cephalic-vein>

Resources:

Priority Level: Low Medium **High**

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

Quantity: 10

Per Item Price: \$293.99 **Price with taxes/shipping, etc:** \$2939.90 not inclusive of taxes and applicable fees

Description:

Surgireal Canine Head Vascular access simulator to provide students with the opportunity to practice jugular blood draws on manikins.

<https://surgireal.com/products/canine-head-vascular-access-simulator>

Resources:

Priority Level: Low Medium **High**

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

Quantity: 10

Per Item Price: \$49.99 **Price with taxes/shipping, etc.:** \$499.90 not inclusive of taxes and applicable fees

Description:

Plastic horse legs for bandage application training.

<https://davisplastic.com/product/davis-plastic-display-horse-leg/>

Resources:

Priority Level: Low **Medium** High

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

Quantity: 1

Per Item Price: unknown **Price with taxes/shipping, etc.:** unknown

Description:

Plastic horsehead to teach halter placement skill on a large animal. Can also be used for FFA Field Day Veterinary Science competition.

<http://www.doublediamondhalters.com/index.php/display-horse-heads/>

****Program Coordinator would need to get quote.

New Program Planning Initiative	
Title:	Technology
Planning years:	2023-onward
Description:	
<p>Maintain and/or begin utilizing technology that allows for students to experience veterinary training, laboratory experience and testing opportunities. Neither a veterinary hospital and laboratory nor live animals are present for students to work with and learn from, so these technologies allow for learning opportunities.</p>	

Resources:

Priority Level: Low Medium **High**

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

Quantity: 25

Per Item Price: \$50.00

Price with taxes/shipping, etc: \$1250.00 not inclusive of taxes

and applicable fees

Description:

Subscription to IVALALearn Veterinary interactive anatomy.

<https://www.ivalallearn.com/>

Resources:

Priority Level: Low Medium **High**

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

Quantity:

Per Item Price: \$575.00

Price with taxes/shipping, etc: \$575.00 not inclusive of taxes

and applicable fees

Description:

Subscription to atDove for 25 students. Provides training videos and articles for veterinary staff and is used as course material.

<https://go.atdove.org/how-it-works/2001-2/>

Resources:

Priority Level: Low Medium **High**

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

Quantity: 25

Per Item Price: \$40.00

Price with taxes/shipping, etc: \$1000.00 not inclusive of taxes

and applicable fees

Description:

Purchase of VTNE practice tests from AAVSB/PSI Online Testing services during Spring semester to prepare cohort for the VTNE (Veterinary Technician National Exam).

<https://www.aavsb.org/vtne-overview/group-pricing>

Resources:

Priority Level: Low **Medium** High

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

Quantity: 1

Per Item Price: \$1000

Price with taxes/shipping, etc: unknown (dept. uses)

Description:

Labster subscription to complement course materials and provide laboratory training. Life & Physical Sciences department uses Labster, but Program Coordinator is unsure of pricing breakdown.

Area of Focus Discussion Template

CURRICULUM AND TEACHING DESIGN

Curriculum and Teaching Design analyzes currency of modalities, articulation, and industry needs. It includes content review, currency and relevance, accessibility, and equitable practices. Sample activities include the following:

Possible topics:

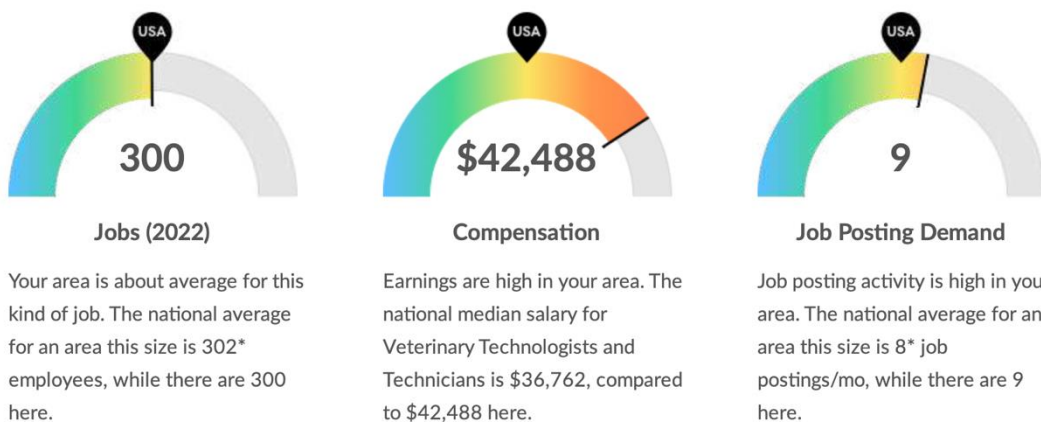
- Review courses and programs through an equity lens to assess access and success.
- Review prerequisites, corequisites, and advisories, and limitations on enrollment, modality, articulation and transfer, and units and time to completion. Is there disproportionate impact within certain demographic groups?
- Assess teaching practices, equipment, supplies, and materials, and technology (like homework, syllabus, text, videos, classroom technology, etc.)
- Assess and integrate program learning outcomes (PLO).

1. What data were analyzed and what were the main conclusions?

Labor Market information:

Executive Summary

Aggressive Job Posting Demand Over an Average Supply of Regional Jobs



*National average values are derived by taking the national value for Veterinary Technologists and Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Figure 1. 2022 Job Posting. Regional Jobs. San Luis Obispo and Santa Barbara Counties. Lightcast Occupational Overview.

Regional Breakdown



County	2022 Jobs
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Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
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California	2018 - 2028	9,900	12,000	2,100	21.2	10,910

Figure 3. Occupational Outlook for RVTs in California. EDD Labor Market Outlook.

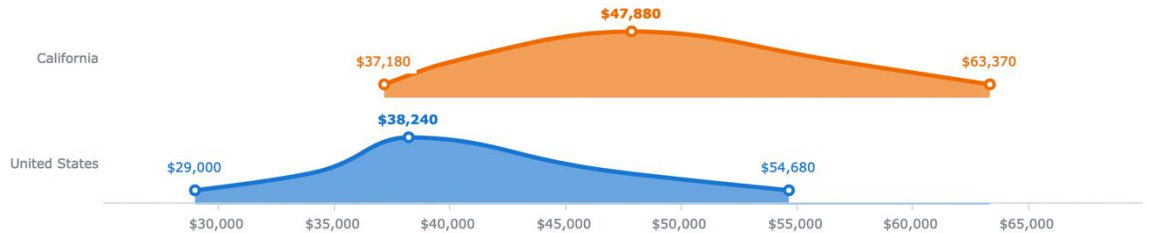
California Wages

29-2056.00 - [Veterinary Technologists and Technicians](#) 🌟 **Bright Outlook**

Wages for state:

Wages near ZIP Code:

Annual Wages Hourly Wages



In California:

- Workers on average earn **\$47,880**.
- 10% of workers earn **\$37,180 or less**.
- 10% of workers earn **\$63,370 or more**.

Figure 4. California RVT wages. O NET Online.

The Registered Veterinary Technician (RVT) continues to be in demand in San Luis Obispo and Santa Barbara Counties, with wages higher than the national average. The job outlook shows a projected growth rate of 21%, indicating program graduates will be in high demand and able to attain wages higher than the national average.

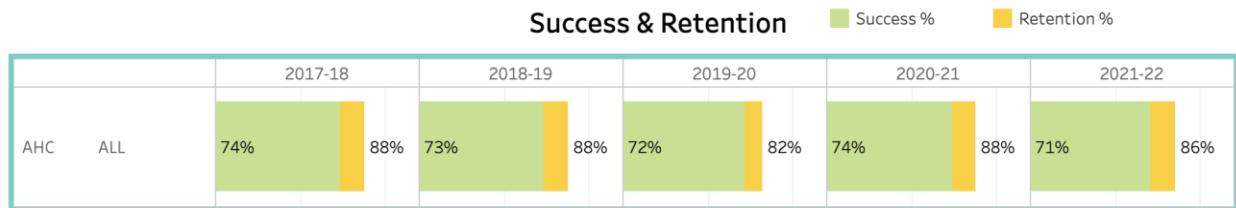


Table 1. Success and retention. The RVT Program has a retention rate of 82-86% . AHC Data Quick Facts.

Program Learning Objectives:

- Demonstrate the knowledge necessary to perform animal medical nursing care.
- Demonstrate the knowledge necessary to perform animal surgical nursing and dental nursing care.
- Demonstrate the knowledge necessary to safely perform veterinary radiology.
- Understand the proper techniques for performing veterinary laboratory procedures used in clinical settings.
- Demonstrate effective communication skills in the performance of veterinary office procedures.

Analysis of Data:

The Veterinary Technology Program continues to be a viable career and technical offering. It continues to be in demand in both San Luis Obispo and Santa Barbara Counties with growth predicted higher than the national average for the workforce. Compensation is locally higher than national average, and the Veterinary Technology Program provides a pathway for an unlicensed veterinary assistant to better their economic status, often nearly doubling their wages.

The Allan Hancock College Veterinary Technology Program is the only local veterinary technology program preparing students to sit for licensure through the California Alternate Route Pathway to RVT Licensure. Current course offerings prepare students for the national licensing examination and to function as competent entry level veterinary technicians.

2. Based on the data analysis and looking through a lens of equity, what do you perceive as *challenges* with student success or access in your area of focus?

Students within the program are generally committed to complete the program. Some students take longer than others to get up to speed initially during the first semester and need time to develop the proper study habits to succeed. Most students opt to take the entire program as a cohort. However, some students discover that they need to reduce their academic load and spread the program out over multiple academic years. Since VT 301, offered in the first semester, is a prerequisite for VT 305 and 306 in the

second semester, a few students may not continue to the second semester immediately. Most of these students repeat VT 301 the following year and go on to complete the program.

Since VT 300 is open to all students and many are exploring their interests, the level of commitment to succeed is much lower. A greater percentage of these students are either not genuinely interested in the subject matter or have not learned the habits to succeed in college level classes.

Every class syllabus contains student success tips including how to be prepared for class, the importance of starting assignments early, how to be an active learner, and to ask for help. The syllabus also contains information about the Learning Assistance Program. These are discussed on the first day of class. Students receive warning early in the semester if they are at risk of failing. They are also referred to the Early Alert Program (SuccessNet) for follow-up.

In addition, our program has community partnerships with local veterinary hospitals who offer internships in cooperation with CWE, with the ability to provide hands-on training for those not currently employed in a veterinary hospital. It is important that students have clinical work experience during the day in conjunction with the program's evening classes.

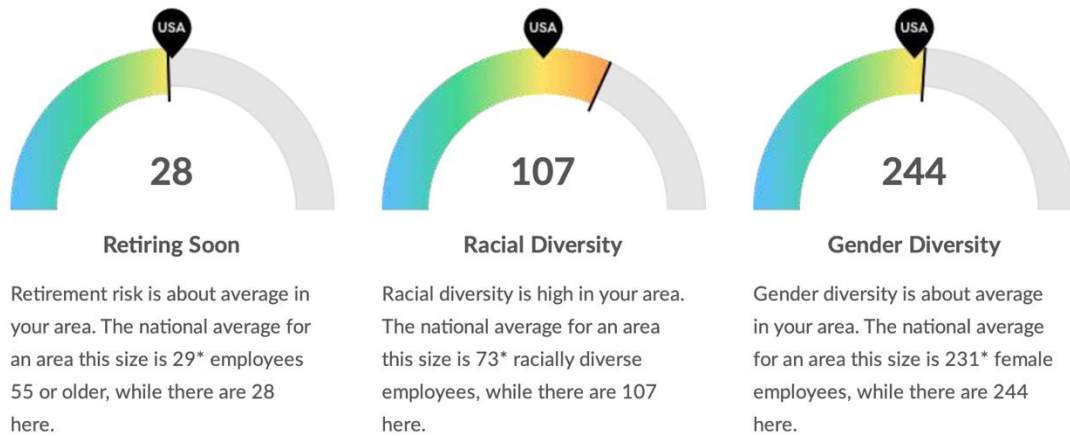
I encourage students to enter the workforce at the entry level position of a veterinary assistant. The industry continually needs veterinary assistants as well as Registered Veterinary Technicians. All RVT candidates start out as veterinary assistants.

Lack of dedicated instructional and storage space is a substantial problem as we continue to acquire equipment and supplies. Movement of equipment to various classrooms is at times cumbersome and giving the students a sense of a dedicated program space would be beneficial. The movement of equipment and supplies back and forth daily from its various locations to classrooms is cumbersome, inefficient, and detrimental to equipment. Inventory management is difficult. Posters and models cannot be displayed at all times for student reference.

To enhance training of hands-on skills needed in the workplace, and to utilize equipment already found in the program aimed at instructing students, upgrades and repairs need to be made.

Demographics

Retirement Risk Is About Average, While Overall Diversity Is High



*National average values are derived by taking the national value for Veterinary Technologists and Technicians and scaling it down to account for the difference in overall workforce size between the nation and your area. In other words, the values represent the national average adjusted for region size.

Figure 5. RVT Demographics. Lightcast Occupational Overview

	2017-18		2018-19		2019-20	
	Headcount	% Total	Headcount	% Total	Headcount	% Total
Asian	3.00	4%	2.00	2%		
Black					1.00	1%
Filipino			2.00	2%	1.00	1%
Hispanic	41.00	55%	56.00	65%	51.00	59%
Native Am	1.00	1%			2.00	2%
Two or More	7.00	9%	4.00	5%	5.00	6%
Unknown					1.00	1%
White	23.00	31%	22.00	26%	26.00	30%
Grand Total	75.00	100%	86.00	100%	87.00	100%

Table 2. Veterinary Technology Program Ethnicity demographics. AHC Data Quick Facts.

Both nationally and within the Veterinary Technology Program, ethnic diversity is high. Gender diversity in the field nationally and within the Veterinary Technology Program is more heavily weighted to female.

3. What are your plans for change or *innovation*?

- Review course outlines and syllabi.
- Integrate innovative strategies and resources.
- Implement innovative modifications.
- Evaluate outcomes.
- Share data and analysis with the faculty and stakeholders.

- Continue to seek support and resources for curriculum and teaching strategy implementation.
 - Seek opportunities to promote faculty and student success.
4. How will you *measure* the results of your plans to determine if they are successful?
 - Develop measurable outcomes in curriculum and teaching strategies.
 - Conduct student and employer surveys based on the measurable outcomes.
 - Identify next actions based on data gathering and input from stakeholders.
 5. What practices are used in your program's DE courses that support or demonstrate regular and substantive interaction?

The only online class offered in the program is VT 302 Veterinary Office Procedures. The class allows students to engage in meaningful discussions about the day-to-day challenges of working in a veterinary hospital. The class discussions enable students to hear from each other how similar challenges that they all experience have multiple solutions. Students seem to express themselves more freely in this format than they do in our in-person classes.

Regular substantive instructor-initiated contact is ensured by using a detailed grading rubric accessible to students, providing individual comments in the rubric to students when grading each week's discussion assignments, contacting students by email or through course announcements, and being available in-person during office hours or when I see the same cohort of students during the other in-person classes in the program.

Based on the narratives for the prompts above, what are some program planning initiatives and resources needed for the upcoming years? Use the tables below to fill in **NEW** resources and planning initiatives. ***This section is only used if there are new planning initiatives and resources requested.***

Sample:

New Program Planning Initiative	
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
Description:	
<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/ToyerBee-Telescope-Telescopes-Professional-Smartphone/dp/B095XQVTNM/ref=sr_1_4?crid=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

Title:	Dedicated Instructional Space
Planning years:	ASAP

Description:

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Resources:

Priority Level: Low Medium **High**

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: **1 room**

Per Item Price: unknown

Price with taxes/shipping, etc: unknown

Description:

Resources:

Priority Level: Low **Medium** High

Resource Type: **Staff**

Quantity: 1

Per Item Price: Salary. \$3471-4430 monthly. **Price with taxes/shipping, etc:** 12 months

Description:

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Essential Functions and Qualifications

- Upkeep of the skills laboratory.
- Inspect and repair laboratory equipment. Ensure working condition of equipment for veterinary skills and simulation.
- Assist with request for services – vendors and college work order requests.
- Research and recommend timely purchase of supplies and equipment.
- Identify equipment for surplus.
- Maintain inventory of consumable supplies – gloves, medications, etc.
- Manage storeroom.
- Assemble equipment, materials, and supplies.
- Safely dispose of medical sharps. Ensure adequate sharps disposal containers.
- Maintain OSHA compliance.

Perform other duties as assigned.

Resources:

Priority Level: Low **Medium** High

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

Quantity: 30

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Description:

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Set of 30 compound binocular light microscopes with 4x, 10x, 40x, and 100x objective lenses. Microscope supplies: immersion oil, lens cleaner, lens cleaning paper, glass slides, cover slips.

New Program Planning Initiative	
Title:	Training manikins
Planning years:	2023-2024
Description:	
<p>The ability for students to practice skills on training manikins is essential to their workplace success. There are limited opportunities for students to practice and fully develop confidence and competence in performing the skills outside of a veterinary hospital. In order to take full advantage of the dental equipment currently owned by the program, dental manikins are essential. Proper maintenance and repair is needed on currently owned manikins used for venipuncture and catheter placement training.</p>	
Resources:	
<p>Priority Level: Low Medium High</p> <p>Resource Type: Equipment</p> <p>Quantity: 4</p> <p>Per Item Price: \$4500 Price with taxes/shipping, etc: \$18,925.00</p> <p>***see attached quote.</p>	
Description:	
<p>4 Canine Dental simulator models to be used for hands-on training of dental prophylaxis. These allow for practical simulation of manual and ultrasonic scaling, probing, nerve blocks. They also have a tongue, epiglottis, esophagus, and trachea to allow for intubation training. Jaws are also radio-dense to allow for dental radiograph positioning training.</p>	



Date: February 27, 2023

Unit 120, 2985-23 Ave NE, Calgary, AB, T1Y 7L3

QUOTE

Seller:
Veterinary Simulator Industries Inc.
 Unit 120, 2985-23 Ave NE
 Calgary, AB, Canada, T1Y 7L3
 Tel: (403) 262-9393
 www.vetsimulators.com

Purchaser: Allan Hancock College
 800 S. College Dr.
 Santa Maria, CA 93454
 attn: amy.rice@hancockcollege.edu

Item	Quantity	Description	Unit Price (USD)	Amount (USD)
1	4	Canine Dental Simulator PKG.	\$4,500.00	\$18,000.00
2	1	Shipping/Handling from Calgary, AB to Allan Hancock College. Rate does not include any applicable customs fees or taxes that may be due upon delivery. (4 pkgs)	\$925.00	\$925.00
Total				\$18,925.00

Country of Origin and Manufacturer: **Canada** HS Code: 902300

Payment terms: *50% deposit in USD, Remainder due NET30 upon receipt of items
 *Payment can be by cheque or EFT in USD Funds only
 *Prices quoted are valid for sixty days

Validated this: February 27, 2023

By: **Veterinary Simulator Industries Inc.**

Resources:

Priority Level: Low Medium **High**

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

Quantity: 25

Per Item Price: unknown **Price with taxes/shipping, etc:** unknown

Description:

Dosimetry badges for students in Spring semester, necessary if we purchase radiodense training manikins in order to use dental X-ray machine the program currently owns.

**Program Coordinator to research if above purchase is made. Cost for dosimetry badges is generally quite minimal.

Resources:

Priority Level: Low Medium **High**

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

Quantity: 1

Per Item Price: unknown at this time

Price with taxes/shipping, etc: unknown

Description:

Teaching surgical monitoring is best accomplished with a visual and tactile learning experience. Surgical simulation equipment/software that can run simulations of vital sign parameters to allow students to learn surgical monitoring techniques.

<https://wholelogic.com/>

or

<https://www.isimulate.com/realiti360>

****Program Coordinator to get quotes

Resources:

Priority Level: Low Medium **High**

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

Quantity: 10

Per Item Price: \$107.48

Price with taxes/shipping, etc: \$1074.80 not inclusive of taxes

and applicable fees

Description:

Most venipuncture training models have fallen into disrepair. Replacing the “skins” and “veins” on these models are instrumental in providing students with the ability to perform venipuncture and intravenous catheterization skills. Many of the current manikins will become usable if repaired with new skins and tubing.

<https://surgireal.com/products/replacement-canine-leg-skin>

<https://surgireal.com/products/replacement-canine-leg-cephalic-vein>

Resources:

Priority Level: Low Medium **High**

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

Quantity: 10

Per Item Price: \$293.99

Price with taxes/shipping, etc: \$2939.90 not inclusive of

taxes and applicable fees

Description:

Surgireal Canine Head Vascular access simulator to provide students with the opportunity to practice jugular blood draws on manikins.

<https://surgireal.com/products/canine-head-vascular-access-simulator>

Resources:

Priority Level: Low Medium **High**

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

Quantity: 10

Per Item Price: \$49.99

Price with taxes/shipping, etc.:

\$499.90 not inclusive of

taxes and applicable fees

Description:

Plastic horse legs for bandage application training.
<https://davisplastic.com/product/davis-plastic-display-horse-leg/>

Resources:

Priority Level: Low **Medium** High
Resource Type: **Equipment** Staff Faculty Supplies and Materials
Quantity: 1
Per Item Price: unknown **Price with taxes/shipping, etc.:** unknown

Description:
 Plastic horsehead to teach halter placement skill on a large animal. Can also be used for FFA Field Day Veterinary Science competition.

<http://www.doublediamondhalters.com/index.php/display-horse-heads/>

****Program Coordinator would need to get quote.

Resources:

Priority Level: Low Medium **High**
Resource Type: **Equipment** Staff Faculty Supplies and Materials
Quantity: 1
Per Item Price: ~\$3000.00 **Price with taxes/shipping, etc:** unknown

Description:
 VMS Small Animal Anesthesia Machine. Current machine is outdated. (Potential that we cannot order this as our sales account is not under a DVM license).

<https://www.pattersonvet.com/ProductItem/078007812>

*****Program Coordinator would need to get quote.

New Program Planning Initiative	
Title:	Technology
Planning years:	2023-onward
Description:	
Maintain and/or begin utilizing technology that allows for students to experience veterinary training, laboratory experience and testing opportunities. Neither a veterinary hospital and laboratory nor live animals are present for students to work with and learn from, so these technologies allow for learning opportunities.	
Resources:	
Priority Level: Low Medium High Resource Type: Equipment Staff Faculty Supplies and Materials Quantity: 25 Per Item Price: \$50.00 Price with taxes/shipping, etc: \$1250.00 not inclusive of taxes and applicable fees Description: Subscription to IVALALearn Veterinary interactive anatomy. https://www.ivalallearn.com/	

Resources:

Priority Level: Low Medium **High**

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

Quantity:

Per Item Price: \$575.00 **Price with taxes/shipping, etc: \$575.00 not inclusive of taxes and applicable fees**

Description:

Subscription to atDove for 25 students. Provides training videos and articles for veterinary staff and is used as course material.

<https://go.atdove.org/how-it-works/2001-2/>

Resources:

Priority Level: Low Medium **High**

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

Quantity: 25

Per Item Price: \$40.00 **Price with taxes/shipping, etc: \$1000.00 not inclusive of taxes and applicable fees**

Description:

Purchase of VTNE practice tests from AAVSB/PSI Online Testing services during Spring semester to prepare cohort for the VTNE (Veterinary Technician National Exam).

<https://www.aavsb.org/vtne-overview/group-pricing>

Resources:

Priority Level: Low **Medium** High

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

Quantity: 1

Per Item Price: \$1000 **Price with taxes/shipping, etc: unknown (dept. uses)**

Description:

Labster subscription to complement course materials and provide laboratory training. Life & Physical Sciences department uses Labster, but Program Coordinator is unsure of pricing breakdown.

Program Review Signature Page:

Amy Rice

Program Review Lead


5/21/23
Date



Program Dean

5/22/2013

Date



Vice President, Academic Affairs

Date








Veterinary technology_2023 Yearly Questions and Core Topic

Final Audit Report

2023-07-20

Created:	2023-05-22
By:	Christy Lopez (clopez@hancockcollege.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAA7R6APqIhz4at0IMJ698EofNiJoSaoApR

"Veterinary technology_2023 Yearly Questions and Core Topic" History

-  Document created by Christy Lopez (clopez@hancockcollege.edu)
2023-05-22 - 10:22:30 PM GMT- IP address: 209.129.94.61
-  Document emailed to Robert Curry (rcurry@hancockcollege.edu) for signature
2023-05-22 - 10:22:50 PM GMT
-  Email viewed by Robert Curry (rcurry@hancockcollege.edu)
2023-05-23 - 2:29:23 AM GMT- IP address: 209.129.94.61
-  New document URL requested by Robert Curry (rcurry@hancockcollege.edu)
2023-07-20 - 11:39:56 PM GMT- IP address: 209.129.94.61
-  Email viewed by Robert Curry (rcurry@hancockcollege.edu)
2023-07-20 - 11:45:27 PM GMT- IP address: 209.129.94.61
-  Document e-signed by Robert Curry (rcurry@hancockcollege.edu)
Signature Date: 2023-07-20 - 11:45:54 PM GMT - Time Source: server- IP address: 209.129.94.61
-  Agreement completed.
2023-07-20 - 11:45:54 PM GMT