



Assessment Record

Program: Veterinary Technology

Assessment period: 2020-2021

Program or Department Mission:

The mission of the Jefferson State Community College Veterinary Technology Program is to train Veterinary Technicians in a two-year educational program with the skills and concepts consistent with the American Veterinary Medical Association- Committee on Veterinary Technician Education and Activities (AVMA-CVTEA) guidelines. The program develops the student's knowledge of the fundamental principles and skills underlying veterinary technology. This is a distance education program developed to provide students a more accessible education in their preferred field of study. Upon satisfactory completion of the program, students may be eligible to take the National and State Board Exams to become licensed Veterinary Technicians.

Instructional Program Student Learning Outcomes & Assessment Plan

Student Outcomes

1. Perform animal nursing care for all common domestic animals including: restraint, administering medications, diagnostic sampling for laboratory evaluation, maintaining fluid therapy, applying and removing bandages and splints, and applying emergency protocols.
2. Assist with animal surgery including knowledge of routine procedures and operating room equipment; prepare the patient, veterinary personnel, and equipment for sterile surgical procedures; function effectively as a surgical assistant to the veterinary surgeon during surgical procedures.
3. Induce, stabilize, monitor and maintain anesthesia under the supervision of the veterinarian; recognize and report anesthetic emergencies; apply resuscitation techniques and CPR (Cardiopulmonary resuscitation).
4. Provide competent assistance with office procedures; telephone contacts, making appointments, admitting and discharging patients, maintaining medical and financial records in a veterinary clinic.
5. Communicate with the public, clients, and colleagues through both verbal and written communication skills, including effective listening.
6. Demonstrate skills and knowledge associated with cleaning, sanitizing, and sterilizing equipment and facilities, including knowledge of products, equipment, procedures, and techniques routinely used in reducing, eliminating or preventing contamination of the animal-care institutions
7. Understand and apply principles of radiography to produce radiographic images in veterinary medicine.
8. Review and implement Occupational Health and Safety Administration (OSHA) standards in a veterinary practice.
9. Comprehend and apply academic knowledge and perform clinical skills required of an entry level Veterinary Technicians by the AVMA-CVTEA in large, small, avian and exotic medicine.

Intended Outcomes	Means of Assessment	Criteria for Success	Summary & Analysis of Assessment Evidence	Use of Results
<p>SLO 1</p> <p>Perform animal nursing care for all common domestic animals including restraint, administering medications, diagnostic sampling for laboratory evaluation, maintaining fluid therapy, applying and removing bandages and splints, and applying emergency protocols.</p>	<p>National Veterinary Technician Exam (VTNE)</p> <p>The student will also be tested on all didactic coursework through discussion questions, critical thinking exercises, and multiple choice and short answer questions.</p>	<p>Passage of VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p> <p>24 students took the VTNE during the 2020-2021 year.</p> <p>71% of graduates received a passing</p>	<p>Benchmark met</p> <p>During 2020-2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>

			<p>score on the VTNE.</p> <p>The national average for passing the VTNE during this period was 70%</p> <p>VTNE Passing percentage:</p> <p>Jeff State = 71%</p> <p>National = 70%</p> <p>All students completing these courses received an evaluation of satisfactory on essential skills after review by their clinical site supervisor.</p> <p>All students completing these courses received a grade of 75% or above on all essential skills after</p>	
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			<p>review by the instructor.</p> <p>All students completing these courses received a grade of 75% or above after completion of all didactic course material.</p>	
<p>SLO 2</p> <p>Assist with animal surgery including knowledge of routine procedures and operating room equipment; prepare the patient, veterinary personnel, and equipment for sterile surgical procedures; function effectively as a surgical assistant to the veterinary surgeon during</p>	<p>National Veterinary Technician Exam (VTNE)</p>	<p>Passage of the VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p>	<p>Benchmark met</p> <p>During 2020 - 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>

<p>surgical procedures.</p>			<p>24 students took the VTNE during the 2020-2021 year.</p> <p>71% of graduates received a passing score on the VTNE.</p> <p>The national average for passing the VTNE during this period was 70%</p> <p>VTNE Passing percentage:</p> <p>Jeff State = 71%</p> <p>National = 70%</p>	
			<p>All students completing these courses received an evaluation of satisfactory or excellent on essential skills after review by their</p>	

			<p>clinical site supervisor.</p> <p>All students completing these courses received a grade of 75% or above on all essential skills after review by the instructor.</p> <p>All students completing these courses received a grade of 75% or above after completion of all didactic course material.</p>	
<p>SLO 3</p> <p>Induce, stabilize, monitor and maintain anesthesia under the supervision of the veterinarian; recognize and report anesthetic emergencies; apply resuscitation</p>	<p>National Veterinary Technician Exam (VTNE)</p>	<p>Passage of the VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p>	<p>Benchmark met</p> <p>During 2020- 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to</p>

<p>techniques and CPR.</p>			<p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p> <p>24 students took the VTNE during the 2020-2021 year.</p> <p>71% of graduates received a passing score on the VTNE.</p> <p>The national average for passing the VTNE during this period was 70%</p> <p>VTNE Passing percentage:</p> <p>Jeff State = 71% National = 70%</p> <p>All students completing these</p>	<p>maintain this achievement.</p>
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<p>SLO 4</p> <p>Provide competent assistance with</p>		<p>Passage of the VTNE</p>		<p>Benchmark met</p>

<p>office procedures; telephone contacts, making appointments, admitting and discharging patients, maintaining medical and financial records in a veterinary clinic.</p>	<p>National Veterinary Technician Exam (VTNE)</p>		<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p> <p>24 students took the VTNE during the 2020-2021 year.</p> <p>71% of graduates received a passing score on the VTNE.</p> <p>The national average for passing the VTNE during</p>	<p>During 2020 - 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>
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			completion of all didactic course material.	
<p>SLO 5</p> <p>Communicate with the public, clients, and colleagues through both verbal and written communication skills, including effective listening.</p>	<p>National Veterinary Technician Exam (VTNE)</p>	<p>Passage of the VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p> <p>24 students took the VTNE during the 2020-2021 year.</p> <p>71% of graduates received a passing</p>	<p>Benchmark met</p> <p>During 2020 - 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>

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<p>SLO 6</p> <p>Demonstrate skills and knowledge associated with cleaning, sanitizing, and sterilizing equipment and facilities, including knowledge of products, equipment, procedures, and techniques routinely used in reducing, eliminating or preventing contamination of</p>	<p>National Veterinary Technician Exam (VTNE)</p>	<p>Passage of the VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2019: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p>	<p>Benchmark met</p> <p>During 2020 - 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>

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<p>SLO 7</p> <p>Understand and apply principles of radiography to produce radiographic images in veterinary medicine.</p>	<p>National Veterinary Technician Exam (VTNE)</p>	<p>Passage of the VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology</p>	<p>Benchmark met</p> <p>During 2020-2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory</p>

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SLO 8		Passage of the VTNE		Benchmark met
Review and implement Occupational				

<p>Health and Safety Administration (OSHA) standards in a veterinary practice.</p>	<p>National Veterinary Technician Exam (VTNE)</p>		<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p> <p>24 students took the VTNE during the 2020-2021 year.</p> <p>71% of graduates received a passing score on the VTNE.</p> <p>The national average for passing the VTNE during</p>	<p>During 2020 - 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>
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<p>SLO 9</p> <p>Comprehend and apply academic knowledge and perform clinical skills required of an entry level Veterinary Technician by the AVMA-CVTEA in large, small, avian, and exotic medicine.</p>	<p>National Veterinary Technician Exam (VTNE)</p>	<p>Passage of the VTNE</p>	<p>VTNE Scores for Academic Year: 2020- 2021</p> <p>33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.</p> <p>Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates</p> <p>24 students took the VTNE during the 2020-2021 year.</p>	<p>Benchmark met</p> <p>During 2020 - 2021 the goal of achieving passing rates of higher than the national average was met. The faculty, administration, and Vet Tech Advisory Board will continue to work diligently to maintain this achievement.</p>

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Plan submission date: 6/17/2021			Submitted by Jodi D. Turner Bloch	