



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
SLO 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.	National Veterinary Technician Exam (VTNE)  The student will also be tested on all didactic coursework through discussion questions, critical thinking exercises, and multiple choice and short answer questions.		VTNE Scores for Academic Year: 2020- 2021  33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.  Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates  24 students took the VTNE during the 2020-2021 year.  71% of graduates received a passing	Benchmark met  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.

		score on the	
		VTNE.	
		The national	
		average for	
		passing the	
		VTNE during	
		this period was	
		70%	
		VTNE Passing	
		percentage:	
		Jeff State = 71%	
		National = 70%	
		All students	
		completing these	
		courses received an	
		evaluation of	
		satisfactory on	
		essential skills after	
		review by their	
		clinical site	
		supervisor.	
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		All students	
		completing these	
		courses received a	
		grade of 75% or	
		above on all	
		essential skills after	
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			review by the instructor.  All students completing these courses received a grade of 75% or above after completion of all didactic course material.	
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	National Veterinary Technician Exam (VTNE)	Passage of the VTNE	VTNE Scores for Academic Year: 2020- 2021  33 students graduated with an AAS degree in Veterinary Technology during the 2020- 2021 academic year.  Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates	Benchmark met  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.

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		skills after
	review b	y their

			clinical site supervisor.  All students completing these courses received a grade of 75% or above on all essential skills after review by the instructor.  All students completing these courses received a grade of 75% or above after completion of all didactic course material.	
SLO 3  Induce, stabilize, monitor and maintain anesthesia under the supervision of the veterinarian; recognize and report anesthetic emergencies; apply resuscitation	National Veterinary Technician Exam (VTNE)	Passage of the VTNE	VTNE Scores for Academic Year: 2020- 2021 33 students graduated with an AAS degree in Veterinary Technology during the 2020- 2021 academic year.	Benchmark met  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

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SLO 4		courses received an evaluation of satisfactory on essential skills after review by their clinical site supervisor.  All students completing these courses received a grade of 75% or above on all essential skills after review by the instructor.  All students completing these courses received a grade of 75% or above after completion of all didactic course material.	
Provide competent assistance with	Passage of the VTNE	Benchmark met	

office procedures;	National Veterinary	VTNE Scores for	During 2020 - 2021
telephone	Technician Exam	Academic Year:	the goal of achieving
contacts, making	(VTNE)	2020- 2021	passing rates of
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admitting and		33 students	national average was
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patients,		AAS degree in	administration, and Vet Tech Advisory
maintaining		Veterinary	Board will continue
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		Fall 2020: 9	
		graduates	
		Spring 2021: 17	
		graduates	
		Summer 2021: 7	
		graduates	
		24 students took	
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		the 2020-2021	
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		71% of graduates received a passing score on the VTNE.	
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		average for	
		passing the VTNE during	

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SLO 5			completion of all didactic course material.	
Communicate with the public, clients, and colleagues through both verbal and written communication skills, including effective listening.	National Veterinary Technician Exam (VTNE)	Passage of the VTNE	VTNE Scores for Academic Year: 2020- 2021  33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year.  Fall 2020: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates  24 students took the VTNE during the 2020-2021 year.  71% of graduates received a passing	Benchmark met  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.

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	above on all	
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	essential skills after	

SLO 6			review by the instructor.  All students completing these courses received a grade of 75% or above after completion of all didactic course material.	
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	National Veterinary Technician Exam (VTNE)	Passage of the VTNE	VTNE Scores for Academic Year: 2020- 2021 33 students graduated with an AAS degree in Veterinary Technology during the 2020-2021 academic year. Fall 2019: 9 graduates Spring 2021: 17 graduates Summer 2021: 7 graduates	Benchmark met  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.

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

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		graduates	
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		graduates	
		24 students took	
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		year.	
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SLO 8		All students completing these courses received an evaluation of satisfactory on essential skills after review by their clinical site supervisor.  All students completing these courses received a grade of 75% or above on all essential skills after review by the instructor.  All students completing these courses received a grade of 75% or above after completion of all didactic course material.	
Review and implement Occupational	Passage of the VTNE		Benchmark met

Health and Safety	National Veterinary	VTNE Scores for	During 2020 - 2021
Administration	Technician Exam	Academic Year:	the goal of achieving
(OSHA) standards	(VTNE)	2020- 2021	passing rates of
in a veterinary			higher than the
practice.		33 students	national average was
		graduated with an	
		AAS degree in	administration, and
		Veterinary	Vet Tech Advisory Board will continue
		Technology	to work diligently to
		during the 2020-	maintain this
		2021 academic	achievement.
		year.	
		Fall 2020: 9	
		graduates	
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		The national	
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		VTNE during	

	this period was 70%	
	VTNE Passing	
	percentage:	
	Jeff State = 71%	
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	Required	
	assignment in all	
	Vet Tech Courses. This	
	assignment must	
	be completed in each class to	
	receive a passing	
	grade.	
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Plan submission date: 6/17/2021		Submitted by Jodi D. Turner Bloch