

**Course and Program Outcome – Course Matrix
Veterinary Technology Division - 2019**

Associate of Applied Science – Veterinary Technician Option

Student Learning Outcomes:

1. Upon completion of the Veterinary Technician Option, students will be able to demonstrate proficiency in the essential skill and tasks outlined by the American Veterinary Medical Association. The list represents the complex role of the veterinary technician and encourages instruction in motor skills, critical thinking, entrepreneurship, and clinical application at the veterinary technician entry level in the following areas:
 - a) Office and Hospital Procedures
 - b) Pharmacy and Pharmacology
 - c) Nursing Skills
 - d) Anesthesia
 - e) Radiology
 - f) Surgical Prep and Nursing
 - g) Parasitology, Hematology and Clinical Pathology
 - h) Animal Husbandry, Handling, Behavior and Restraint
 - i) Anatomy and Physiology

Course Number	Course Name	SLO 1	SLO 1a Office	SLO 1b Pharm	SLO 1c Nursing	SLO 1d Anes	SLO 1e Radio	SLO 1f Surg	SLO 1g Clin Path	SLO 1h Husb	SLO 1i Anat
VTS 1403	Anatomy & Physiology	A		X			X			X	A
VTS 2933	Anesthesiology	A	X	A	A	A	A	A	A	A	
VTS 1513	Animal Care	A	X		A	X		A	A	A	X
VTE 2423	Canine & Feline Nutrition or Livestock Nutrition	A	X	X				A		A	
VTS 2241	Career Strategies	A	X								
VTS 1604	Intro to Laboratory Science	A	X	X	X	X		A	A		X
VTS 2652	Parasitology	A	X	X	X	X		A	A	X	X
VTS 2662	Hematology	A	X		X	X		A	A	X	X
VTS 2682	Clinical Pathology	A	X		X	X		X	X		
VTS 2331	Clinical Practices	A	A	A	A	X	X	X	A	A	X
VTS 2733	Diseases of Veterinary Medicine	A	X	X					A		A
VTS 1542	Facility Management I	A	A		X						
VTS 2563	Fur and Feather	A			X	X			X	X	X
VTS 1511 VTS 1521 VTS 2533	Large Animal Techniques I, II, III	A			X	X		X		A	X
VTS 1313	Math for Vet Techs	A		X	X	X		A	X	X	
VTS 1301	Medical Terminology	A	X	X	X	X	X	X	X	X	X
VTS 2583, 2593	Nursing I and II	A	X	X	A	X	X	A	X	A	X
VTS 1713	Pharmacology & Anesthesia	A	X	A		A		A			X
VTS 1822, 1923	Radiology I & II	A	X				A	A		A	X
VTS 2953	Surgery Prep	A	X	A	A	A	A	A	X	A	A

“X” for courses or experiences in which students have the opportunity to learn the outcome.

“A” for courses or experiences in which student performance is used for program level assessment of the outcome.

Student Learning Outcome

2. Upon completion of the Veterinary Technician Option, students will be able to demonstrate the academic background needed to pass the Veterinary Technician National Exam. (VTNE)

Veterinary Technician Exit Exam Pass Rate – Final Assessment

Graduating year	Number taking	Number Passing	% passing
2015	7	6	86
2016	21	14	67
2017	29	24	83
2018	23	14	61
2019	21	21	100

**Course and Program Outcome – Course Matrix
Veterinary Technology Division - 2019**

Associate of Applied Science – Veterinary Assistant Option

Student Learning Outcomes

1. Upon successful completion of the Veterinary Assistant Option, students will be able to demonstrate proficiency in motor skills, critical thinking, entrepreneurship, and clinical application skills at the veterinary assistant entry level in the following areas
 - a) Office and Hospital Procedures
 - b) Pharmacy and Pharmacology
 - c) Nursing Skills
 - d) Anesthesia
 - e) Radiology
 - f) Surgical Prep and Nursing
 - g) Parasitology, Hematology and Clinical Pathology
 - h) Animal Husbandry, Handling, Behavior and Restraint
 - i) Anatomy and Physiology

Course Number	Course Name	SLO 1	SLO 1a Office	SLO 1b Pharm	SLO 1c Nursing	SLO 1d Anes	SLO 1e Radiology	SLO 1f Surg	SLO 1g Clin Path	SLO 1h Husb	SLO 1i Ana
VTS 1403	Anatomy & Physiology	A		X			X			X	A
VTS 2933	Anesthesiology	A	X	A	A	A	A	A	A	A	
VTS 1513	Animal Care	A	X		A	X		A	A	A	X
VTE 2423	Canine & Feline Nutrition or Livestock Nutrition	A	X	X				A		A	
VTS 2241	Career Strategies	A	X								
VTS 1604	Intro to Laboratory Science	A	X	X	X	X		A	A		X
VTS 2652	Parasitology	A	X	X	X	X		A	A	X	X
VTS 2662	Hematology	A	X		X	X		A	A	X	X
VTS 2682	Clinical Pathology	A	X		X	X		X	X		
VTS 2331	Clinical Practices	A	A	A	A	X	X	X	A	A	X
VTS 2733	Diseases of Vet Medicine	A	X	X					A		A
VTS 1542	Facility Management I	A	A		X						
VTS 2563	Fur and Feather	A			X	X			X	X	X
VTS 1511 VTS 1521 VTS 2533	Large Animal Techniques I, II, III	A			X	X		X		A	X
VTS 1313	Math for Vet Techs	A		X	X	X		A	X	X	
VTS 1301	Medical Terminology	A	X	X	X	X	X	X	X	X	X
VTS 2583, 2593	Nursing I and II	A	X	X	A	X	X	A	X	A	X
VTS 1713	Pharmacology & Anesthesia	A	X	A		A		A			X
VTS 1822, 1923	Radiology I & II	A	X				A	A		A	X
VTS 2953	Surgery Prep	A	X	A	A	A	A	A	X	A	A

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**Course and Program Outcome – Course Matrix
Veterinary Technology Division - 2019**

Associate of Applied Science – Animal Husbandry Option

Student Learning Outcomes

1. Students will be able to effectively communicate in oral and written form.
2. Students will be able to gather, assimilate, and process information to reach sound logical conclusions in their chosen career pathway.
3. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study. (Technical Competence)

Animal Husbandry Option – Learning Outcomes

Course Number	Course Name	SLO1	SLO2	SLO3
VTS 1542	Facility Mgt I	A	A	A
ASI 1442	Equine Practicum	x	A	A
PSY 1011	Learning Communities	x	A	x
VTS 1313	Math for Vet Techs	x	A	A
VTE 2821	Radiation Safety	A	A	A
VTS 1822	Radiology I	A	A	A
VTE 2552	Facility Mgt II	A	A	A
College Core Classes		A	A	x
Veterinary Technology courses		A	A	A

**Course and Program Outcome – Course Matrix
Veterinary Technology Division - 2019**

Associate of Applied Science – Animal Health Management Option

Student Learning Outcomes

4. Students will be able to effectively communicate in oral and written form.
5. Students will be able to gather, assimilate, and process information to reach sound logical conclusions in their chosen career pathway.
6. Students will be able to exhibit required knowledge and skills consistent with their chosen field of study. (Technical Competence)

Animal Health Management – Learning Outcomes

Course Number	Course Name	SLO1	SLO2	SLO3
ACT 1103	Accounting I	x	A	A
PSY 1011	Learning Communities	x	A	x
VTS 1301	Medical Terminology	x	A	A
VTS 1603	Intro to Lab Science	x	A	A
ASI 1501	Equine Safety	x	A	A
VTS 1313	Math for Vet Techs	A	A	A
ABM 2203	Office Practices	A	A	A
ACT 1203	Accounting II	x	A	A
VTE 2821	Radiation Safety	A	A	A
VTS 1822	Radiology I	A	A	A
MGT 2103	Management Concepts	A	A	A
MGT 2503	Human Resource Mgt	A	A	A
ASI 1253, VTE 2423	Nutrition	x	A	A
VTS 2241	Career Strategies	A	A	A
College Core Classes		A	A	x
Veterinary Technology courses		A	A	A

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**Course and Program Outcome – Course Matrix
Veterinary Technology Division - 2019**

**Associate of Applied Science – Equine Health Care Option
Equine Health Care - Learning Outcomes**

Course Number	Course Name	SLO1	SLO2	SLO3
ASI 1011	Intro to Animal Science	A	A	A
PSY 1011	Learning Communities	x	A	A
VTS 1301	Medical Terminology	A	X	A
VTS 1603	Intro to Lab Science	x	A	A
ASI 1501	Equine Safety	x	A	A
VTS 1313	Math for Vet Techs	A	A	A
VTS 1404	Anatomy & Physiology	x	A	A
ASI 1442	Equine Practicum	x	A	A
VTS 1822	Radiology I	A	A	A
VTS 1923	Radiology II			
VTS 1511	Large Animal Techniques I	x	A	A
VTS 1521	Large Animal Techniques II			
VTS 2533	Large Animal Techniques III			
VTS 1713	Pharmacology	x	A	A
VTE 2623	Feeding Equine Patients	x	A	A
VTS 2241	Career Strategies	A	A	A
VTE 1631	Practical Skills	x	A	A
VTE 1633	Equine Diseases	x	A	A
VTE 1623	Equine Lab Diagnostics	A	A	A
ACT 1103	Accounting	A	A	A
ASI 2433	Equine Industry Mgt	x	x	x
College Core Classes		A	A	A
Veterinary Technology courses		A	A	A

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