

CTE Course Description and Standards Crosswalk

Course Information

Course Name	Veterinary Assistant
Course Number	84400
Number of High School Credits	1
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Animal Science, Veterinary Assistant
Date of district Course Revision	December 2015

Career & Technical Student Organization (CTSO)

CTSO embedded in this sequence	HOSA, FFA
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Occupational Standards

Source of Occupational Standards	States Career Cluster Initiative (SCCI)
Names/Numbers of Occupational Standards	Animal Systems Pathway; Essential Topic (ESS), Cluster (Foundation) Knowledge and Skills (AGC), Pathway Knowledge and Skills (AGPC)

Registration Information

Course Description (brief paragraph – as shown in your student handbook or course list)	The Veterinary Assistant course will introduce students to careers in Veterinary science. Veterinary Assistants assist in a Veterinary office with a variety of tasks to increase the efficiency of the office.
Instructional Topic Headings (please separate each heading by a semi-colon)	Key Terms and Definitions; Veterinary Assistant job requirements; Relationships between animals and humans; Customer service skills; Animal Anatomy; Animal Genetics, Diseases; Animal Classification; Animal Nutrition; Safe handling and restraining of animals; Physical and Laboratory exams; Surgery Practices, Animal Reproduction; Legal and ethical concerns, Career exploration; Safety; CTSO involvement; Employability Skills

Summative Assessments and Standards

Technical Skills Assessment (TSA)	None
Course addresses:	
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards

Source of Employability Standards	State of Alaska
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Tech Prep

Current Tech Prep Articulation Agreement? (Y/N)	No
Date of Current Agreement	
Postsecondary Institution Name	
Postsecondary Course Name	

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Postsecondary Course Number	
# of Postsecondary Credits	

Additional CTE Course Information

Author	
Course developed by	Gloria Clow
Course adapted from	
Date of previous course revision	n/a
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Identify and define key terms in Veterinary Medicine.	ESS01.02	HL-THR 2&3	L9-10.6 WHST 9-10.4	MP 6	B2	A2	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe the job requirements of a veterinary assistant and how the assistant fits into the veterinary practice.	ESS 01.02	HL 2 & 4	SL 9-10.6	MP 1,5,6,7	B2	A2,5	Technical Skills Planning Labor	Classroom Observation, Discussion, Exam FFA Events
Discuss the factors that caused the change in peoples' relationships with animals from early America society to today, and how the name viewpoints of animal rights and welfare affect the veterinary practice.	AGC02.01	GV-REV 2 AG-ANI 2, 7	SL 9-10.6	MP1,6	B2 E1	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Identify and develop personal skills for the veterinary workplace, including: verbal and non-verbal communication with clients and coworkers, proper office procedures, appearance, and safety skills (handling diseased animals – reducing transmission).	ESS 02 AGC 02 AGC 01.02	HL-DIA 1-5 AGI-ANI 5,7 CRP-5	SL 9-10.6 L11-12.6	MP 1, 5, 6, 7	B2	A2,5	Technical Skills Planning Health/Safety	Classroom Observation, Discussion, Exam FFA Events

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Identify and discuss the anatomy of animals, including various body systems, and how the 5 senses affect animal behavior. Discuss and discover genetics of animals, diseases and how diseases spread.	AGCP 01.01	AG-ANI 1-7	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills Health/Safety	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss how to measure vital signs in an animal.	AGC02.01	CRP-4 AG-ANI 7	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss how to determine an animal's age and breed classification (for dogs, cats, horses, cattle, sheep)	AGPCOL .0301	AG-ANI 6	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss proper nutrition management for a variety of animals.	AGC02.01	AG-ANI 3	SL 9-10.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss how to safely handle and restrain animals.	AGC02.01	AG-ANI 2 & 7	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills Health/Safety	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss importance of physical exams and how exams can diagnose problems in an animal. Students will also develop techniques for first aid, bandaging and administering medication.	AGC02.01	CRP-4 AG-ANI 7	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss laboratory examinations, radiology, post-mortem examinations and special exams (eg. of tissue and joints).	AGC02.01	CRP-4 AG-ANI 7	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss various levels of diseases (infectious	AGC02.01	CRP-4	SL 9-10.6	MP1,5,6	B2	A2,5	Technical	Classroom

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Form #05-13-028

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and non-infectious).		AG-ANI 7	L11-12.6				Skills	Observation, Discussion, Exam FFA Events
Practice industry-approved sterilization and disinfection techniques to protect patients and coworkers.	AGC06.03.02, AGC10.02.01,AGC10.02.02	CRP-3&4 AG-ANI 2	L.11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss surgery practices, including terminology, preparation, and anesthesia.	AGC02.01	CRP 3&2 AG-ANI 7	SL 9-10.6 L11-12.6	MP1,4,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Describe and discuss reproduction in animals, including dehorning, castrating, docking, shipping, semen collection, artificial insemination, assistance at birth, and weaning animals.	AGC02.01	CRP 4 AG-ANI 4	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Discuss and understand regulations and legal requirements of: shipping animals, immunizations, rabies control, food safety, drug residue and disbursement, carcass disposal, animal welfare, medical waste disposal, pesticides, and laws related to veterinary medicine.	ESS 08 AGC 03.01 AGC 08	AGI-ANI 5&7	SL 9-10.6 L11-12.6	MP1,5,6	B2	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Investigate Careers in Veterinary science, research job opportunities in Alaska.	ESS 01, 09	CRP 10&7 AGI-ANI 1	L.11-12.6	MP1	B2,3	A2,5	Technical Skills	Classroom Observation, Discussion, Exam FFA Events
Demonstrate safe use of tools and equipment in the workplace.	ESS 06 AGC 06	AG-ANI 7	L.11-12.6	MP1,5,6	A1 B 2,3,4	A2,5,6,7	Technical Skills Health/Safety	Classroom Observation, Discussion, Exam FFA Events
Participate in CTSO (SkillsUSA, HOSA, BPA) practicing leadership skills.	ESS 01, 02, 07, 09	CRP 1,2,6,7,8,9,	L.11-12.6	MP1	B2,3,4 C4	A1-7 B1-5	Technical Skills	Classroom Observation,

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	AGC 02	10,12					Planning Health/Safety Technology Labor	Discussion, Exam FFA Events
Learn, model and develop employability skills (communication, punctuality, work ethic, integrity, honesty, etc).	ESS 01, 07, 09 AGC 02, 08, 09	CRP-1,9,12	L.11-12.6	MP1	B2,3,4 C4	A1-7 B1-5	Technical Skills Planning Health/Safety Technology Labor	Classroom Observation, Discussion, Exam FFA Events

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)

Vet Tech Essentials, Amy J Wolff, DVM ISBN 10:0-13-508016-9 ISBN 12:9778-0013-508016-0, and Veterinary Science Preparatory Training for the Vet Assistant by: Floron C. Faries Jr, DVM, MS ISBN: 978-0-9849115-0-9