

YKSD 's Veterinary Science III, & IV curriculum by Peggy Bruno

Animal Husbandry for Veterinary Sciences III

Animal Husbandry for Veterinary Sciences IV

## CTE Course Description and Standards Crosswalk

Course Information	
Course Name	Animal Husbandry for Veterinary Science
Course Number	642
Number of High School Credits	0.5
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Agriculture, Food & Natural Resources
Date of district Course Revision	May 2013
Career & Technical Student Organization (CTSO)	
CTSO embedded in this sequence	None
Occupational Standards	
Source of Occupational Standards	National Council for Agricultural Education
Names/Numbers of Occupational Standards	National Agriculture, Food and Natural Resources (AFNR) Career Cluster Content Standards
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	This course provides an understanding of animal husbandry for canine, feline, goat, sheep, pig, horse, reindeer, musk oxen, bison, and cattle. Students will explore animal behavior, proper restraint, handling, and management, with a focus on canines. Insight will be provided on how to adapt techniques to different situations, such as the Alaskan climate and geography. Students will have the opportunity to become Pet First Aid certified.
Instructional Topic Headings (please separate each heading by a semi-colon)	Breed & Species Identification; Animal Behavior; Restraint; Basic Feeding Principles; Animal Handling; Housing; Management; Careers & Employability Skills
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Pet First Aid
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	Alaska Employability Standards
Tech Prep	
Current Tech Prep Articulation Agreement? (Y/N)	No
Date of Current Agreement	N/A
Postsecondary Institution Name	N/A

**DISTRICT NAME: Yukon-Koyukuk School District**

Postsecondary Course Name	N/A
Postsecondary Course Number	N/A
# of Postsecondary Credits	N/A

### Additional CTE Course Information

Author	
Course developed by	Previous UAF-IAC Course
Course adapted from	Basic Animal Husbandry for Veterinary Science UAF-iAC course
Date of previous course revision	Spring 2008
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

Standards Alignment
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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
Breed & Species Identification <ul style="list-style-type: none"> <li>• Large Animals</li> <li>• Geographic Differences</li> <li>• Small Animals</li> <li>• Exotic Animals</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a; AS.02.01	AG-ANI6	RI.9-10.1-2,4,10; RI.11-12.1-2,4,10; W.9-10.2,4-10; W.11-12.2,4-10; SL.9-10.1-2,4-5; SL.11-12.1-2,4-5;L.9-	S-ID.5.; S-IC.6.	A4 B2; C4; D1; E1	A1-2	Tech Skills; Health/ Safety	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
			10.1-6; L.11-12.1-6; RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-12.1-10					
Animal Behavior <ul style="list-style-type: none"> <li>• Groups</li> <li>• Perceptions</li> <li>• Feelings</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a.	AG-ANI2	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-12.1-10	A-REI.1.; F-LE.5.; S-ID.5.; S-ID.6.	A4; B1; E4	A1-7	Tech Skills; Community	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams
Restraint <ul style="list-style-type: none"> <li>• Animal Safety</li> <li>• Human Safety</li> <li>• General Methods</li> <li>• Chemical Restraint</li> <li>• Species Specific Restraint</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a;	AG3; AG-ANI2; AG-ANI7; AG-	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10;	N-Q.1.-3.; A-CED.1.-2.,4.; A-REI.1.; G-	A4; B3; C4; E2	A1-2; A5-7	Health/ Safety; Tech Skills	Class Participation; Observation; Quizzes; Presentations ; Homework;

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	CS.06.02-03; CS.08.01.	NR1-4	WHST.11-12.1-10	CO.1.; G-MG.3.				Exams
Basic Feeding Principles <ul style="list-style-type: none"> <li>• Feeding Schedules</li> <li>• Feeding Methods</li> <li>• Seasonal Nutrition Concerns</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a; CS.03.02.01-02.a.; CS.06.02-03; AS.02.03.02.a; AS.04.01.01-02.a.	AG-ANI2; AG-ANI3; AG-ANI7; AG-NR1-4	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-12.1-10	N-Q.1.-3.; A-CED.1.-2.,4.; A-REI.1.; G-MG.3.	A4; B3; E1	A1-7	Health/ Safety; Tech Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams
Animal Handling <ul style="list-style-type: none"> <li>• Restraint and Handling</li> <li>• Physical Techniques</li> <li>• Mechanical Techniques</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a.; CS.06.02-	AG-ANI2; AG-ANI7 ; AG-NR1-4	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-	N-Q.1.-3.; A-CED.1.-2.,4.; A-REI.1.; G-CO.1.;	A1; B1; E2	A1-7	Health/ Safety; Management; Planning	Class Participation; Observation; Quizzes; Presentations ; Homework;

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	03.; CS.08.01; AS.06.01.01.a.		12.1-10	G-MG.3.				Exams
Housing <ul style="list-style-type: none"> <li>• Space Requirements</li> <li>• Ventilation and Sanitation</li> <li>• Shelter</li> <li>• Fencing and Enclosures</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a.; CS.08.01; AS.07.01.01.a.	AG-ANI2; AG-NR1-4	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-12.1-10	N-Q.1.-3.; A-CED.1.-2.,4.; A-REI.1.; G-CO.1.; G-CO.12.; G-MG.2.-3.	A1; B3; E2	A1-7	Plannin g; Manage ment; Health/ Safety	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams
Management <ul style="list-style-type: none"> <li>• Feeding Schedules</li> <li>• Handling and Stress</li> <li>• Waste Management</li> <li>• Disease Management</li> <li>• Ventilation and Climate Considerations</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a.; CS.06.02-03;	AG-ANI2; AG-ANI3; AG-ANI5; AG-ANI7;	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-	N-Q.1.-3.; A-CED.1.-2.,4.; A-REI.1.; G-CO.1.; G-	A1; B1; D2; E1	A1-7	Manage ment; Plannin g; Health/ Safety; Finance	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	AS.02.03.01.a; AS02.03.02.a.; AS.03.01.01-03.a.; AS.04.01.01-02.a.	AG-ENV4-5; AG-NR1-4	12.1-10	MG.1.-3.; S-ID.5.; S-IC.3., 6.			S	
Careers & Employability Skills <ul style="list-style-type: none"> <li>• Education &amp; Training</li> <li>• Job Duties</li> <li>• Employability Skills</li> </ul>	CS.01.01.01.b.; CS.01.01.03-6.a.; CS.03.01.01.a; CS.01.05.01.a.; CS.02.02.03.a.; CS.02.03.01 & 03.a.	AG5; AG-ANI1	RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.1-10; WHST.11-12.1-10	N-Q.1.; A-REI.1.; G-CO.1.G-MG.1.-3.	A1; B1; B2	A1; A3; A7; B1-5	Work Habits; Tech Skills; Labor	Class Participation; Observation; Presentations ; Homework; Exams

**Instructional Resources**

youth program:(4) Web 4 •CHAPTER 4- IN School HS on 05.04.16:(4) Web 4. Example Curriculum (2. High School teachers):Example HS curriculum for VET SCIENCE Class- Peggy Bruno:Animal Husbandry for Veterinary Sciences I.docx Form #05-13-028



**DISTRICT NAME:** Yukon-Koyukuk School District

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

**Videos**

**"The Toughest Race on Earth" by Discovery Channel**

**"See You in Nome"**

**"Veterinary Technology"**

**"Canine Cephalic and Saphenous Veins**

**"Canine and Feline Catheter Placement"**

**"Mushing in Fairbanks, Alaska"**

**"Lab Safety" by 4ACT**

**"Dissecting Cat Procedures" by Carolina Lab**

**"WebMed"**

**"Animal Health Care video: Receptionist Training"**

**"Animal Restraint"**

**"The Reindeer Queen"**

**Websites**

**yukonquest.com**

**<http://reindeer.salrm.uaf.edu>**

**Animal Care Technologies at [site.4act.com](http://site.4act.com)**

**[specollege.edu](http://specollege.edu)**

**Reading**

**"Reindeer in Alaska"**

**"Reindeer Research: Working to Preserve Alaska's Reindeer Industry"**

**"Concerns for Reindeer, Caribou Threaten Seward Peninsula Reindeer Herds**

**"Introduction to Animal Science" Leland S. Shapiro, Prentice-Hall, Copyright 2001; ISBN: 0-13-920992-1**

**Other Materials**

**Owl Pellets**

## CTE Course Description and Standards Crosswalk

Course Information	
Course Name	Animal Husbandry for Veterinary Science IV
Course Number	647
Number of High School Credits	0.5
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Agriculture, Food & Natural Resources
Date of district Course Revision	November 2013
Career & Technical Student Organization (CTSO)	
CTSO embedded in this sequence	None
Occupational Standards	
Source of Occupational Standards	National Council for Agricultural Education
Names/Numbers of Occupational Standards	National Agriculture, Food and Natural Resources (AFNR) Career Cluster Content Standards
Registration Information	
Course Description (brief paragraph – as shown in your student handbook or course list)	This course builds upon the skills and knowledge students have learned in Animal Husbandry for Vet Science I, II, and III. During this course students will learn specific skills and information needed to be a veterinary technician, while focusing on canines. Areas to be covered are physiology, veterinary office procedures, physical examination, medical nursing, animal emergency medicine, reproduction, physical therapy, and the stages of life. Throughout the course students will learn and use appropriate terminology. Students will spend 20 hours during the semester doing a practicum with a local dog musher and be responsible for at least one dog. Additionally, students will continue to build veterinary careers specific employability skills and continue to work on their career plan.
Instructional Topic Headings (please separate each heading by a semi-colon)	Physiology; Veterinary Office Procedures; Physical Examination; Medical Nursing; Animal Emergency Medicine; Reproduction; Physical Therapy; Stages of Life; Practicum; Employability Skills & Careers
Summative Assessments and Standards	
Technical Skills Assessment (TSA)	Pet First Aid
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	Alaska Employability Standards
Tech Prep	
Current Tech Prep Articulation Agreement?	No

:youth program:(4) Web 4 •CHAPTER 4- IN School HS on 05.04.16:(4) Web 4. Example Curriculum (2. High School teachers):Example HS curriculum for VET SCIENCE Class- Peggy Bruno:Animal Husbandry for Veterinary Sciences IV.docx

Form #05-13-028

**DISTRICT NAME: Yukon-Koyukuk School District**

(Y/N)	
Date of Current Agreement	
Postsecondary Institution Name	
Postsecondary Course Name	
Postsecondary Course Number	
# of Postsecondary Credits	

### Additional CTE Course Information

Author	
Course developed by	Previous UAF-IAC Course
Course adapted from	Basic Animal Husbandry for Veterinary Science UAF-iAC course
Date of previous course revision	Spring 2008
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

Standards Alignment
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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
Physiology <ul style="list-style-type: none"> <li>• Respiratory</li> <li>• Circulatory</li> <li>• Digestive</li> <li>• Excretory</li> <li>• Regulative</li> <li>• Reproductive</li> <li>• Movement</li> <li>• Senses</li> </ul>	CS.01.01.01.,03.a.; CS.03.01.a-b.; CS.09.02.01.a-b.; AS.02.02.01,02,04.a.,05,06.a.	CRP1-9, 11-12; HL1	RI.9-10.4,7,10; RI.11-12.4,7,10; SL.9-10.1-6.; SL.11-12.1-6.; L.9-10.1-4,6.; L.11-12.1-4,6.; RST.9-10.1-10; RST.11-	N-Q.1.-3.; A-SSE.1.; A-CED.4.; G-MG.1-1.; S-ID.3.	A6; B1-4; C4; E3-4	A1-2	Technol ogy; Technic al Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
			12.1-10; WHST.9-10.2,4-10; WHST.11-12.2,4-10					
Veterinary Office Procedures <ul style="list-style-type: none"> <li>• Employee Positions</li> <li>• Facilities &amp; Workflow</li> <li>• Clients &amp; Client Services</li> <li>• Management of Veterinary Practice</li> </ul>	CS.01.01.01.,03.a., CS.02.02.02.a.,03.a-b.; CS02.03.03.a.; CS.03.01.01.a-b.; CS.06.02.01.a.,04.01.a.; CS.08.01.01-02.,02.01.a.; CS.09.02.0a.a-b.; AS.06.01.01.a-c.-	CRP1-12; AG3,5; AG-ANI7; HL2,4; ST3,5	RI.9-10.1-4,10; RI.11-12.1-4,10; SL.9-10.1,4-6; SL.11-12.1,4-10; L.9-10.1-3,6; L.11-12.1-3,6; RST.9-10.1-4,7,9-10; RST.11-12.1-4,7,9-10; WHST.9-10.2,4,7-10; WHST.11-12.2,4,7-10	N-Q.1.-2.; A-SSE.1.; G-MG.1.	A1, A6; B1-4; C4; E7	A1-3, A5-7; B2	Plannin g; Manage ment; Health/ Safety; Technol ogy; Work Habits; Technic al Skills; Labor	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	02.a.; AS.07.01. 01.a.,02. a-b.							
Physical Examination <ul style="list-style-type: none"> <li>• Veterinary Technician Role</li> <li>• Documenting Information</li> <li>• Surroundings</li> <li>• Temperature, Pulse &amp; Respiration</li> <li>• Systems Review</li> </ul>	CS.01.01. 01.,03.a., CS.02.02. 02.a.,03. a-b.; CS02.03. 01.a.,03. a.; CS.03.01. 01.a-b.; CS.06.02. 01.a.,03. 01.a.,04. 01.a.; CS.07.01. 01.01.a- b.,04.02. a., CS.08.01. 01- 02.,02.01	CRP1- 12; AG- ANI2,7 HL- DIA2-4; ST2-3	RI.9- 10.4,7,10; RI.11- 12.4,7,10; SL.9-10.1- 6.; SL.11- 12.1-6.; L.9- 10.1-4,6.; L.11-12.1- 4,6.; RST.9- 10.1-10; RST.11- 12.1-10; WHST.9- 10.2,4-10; WHST.11- 12.2,4-10	N-Q.1- 3.; A- SSE.1.; A- CED.1,4 .; A- REI.1,3. ; G- MG.1- 3.; S- ID.1-4.	A1, A6; B1-4; C4; D1, D3, D5; E3- 4	A1-2, A5- 7	Health/ Safety; Technol ogy; Work Habits; Technic al Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	.a.; CS.09.02. 0a.a-b.; CS11.01.- 02.; AS.02.02. .01,02,04 .a.,05,06. a.; AS.06.01. 01.,02.01 .a.							
Medical Nursing <ul style="list-style-type: none"> <li>• Veterinary Technician Practice Model                             <ul style="list-style-type: none"> <li>○ Patient Data</li> <li>○ Identify &amp; Prioritize Evaluations</li> <li>○ Develop Nursing Care Plan</li> <li>○ Re-evaluate Plan</li> <li>○ Medical Records</li> </ul> </li> <li>• Diseases</li> </ul>	CS.01.01. 01.,03.a., CS.02.02. 02.a.,03. a-b.; CS02.03. 01.a.,03. a.; CS.03.01. 01.a-b.; CS.06.02. 01.a.,03. 01.a.,04.	CRP1- 12; AG- ANI2,7; HL- DIA2-4; ST2-3	RI.9- 10.4,7,10; RI.11- 12.4,7,10; SL.9-10.1- 6.; SL.11- 12.1-6.; L.9- 10.1-4,6.; L.11-12.1- 4,6.; RST.9- 10.1-10; RST.11- 12.1-10;	N-Q.1- 3.; A- SSE.1.; A- CED.1,4 .; A- REI.1,3. ; G- MG.1- 3.; S- ID.1-4.	A1, A6; B1-4; C4; D1, D3, D5; E3- 4	A1-2, A5- 7	Health/ Safety; Technol ogy; Work Habits; Technic al Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	01.a.; CS.07.01. 01.01.a-b.,04.02. a., CS.08.01. 01- 02.,02.01 .a.; CS.09.02. 0a.a-b.; CS11.01.- 02.; AS.02.02. .01,02,04 .a.,05,06. a.; AS.03.01. 01a- b.,05.a- b.; AS.06.01. 01.,02.01 .a.		WHST.9- 10.2,4-10; WHST.11- 12.2,4-10					



<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
Animal Emergency Medicine <ul style="list-style-type: none"> <li>• Triage</li> <li>• Assessment</li> <li>• Initial Diagnosis</li> <li>• First Aid</li> <li>• Emergency Care</li> <li>• Shock &amp; Systemic Inflammatory Response Syndrome</li> <li>• Respiratory System Support &amp; Oxygen Therapy</li> <li>• Cardiopulmonary Arrest</li> <li>• Cardiopulmonary Cerebral Resuscitation</li> <li>• Patient Monitoring</li> <li>• Care of Patient</li> </ul>	CS.01.01.01.,03.a., CS.02.02.02.a.,03.a-b.; CS02.03.01.a.,03.a.; CS.03.01.01.a-b.; CS.06.02.01.a.,03.01.a.,04.01.a.; CS.07.01.01.01.a-b.,04.02.a., CS.08.01.01-02.,02.01.a.; CS.09.02.0a.a-b.; CS11.01.-	CRP1-12; AG-ANI2,7; HL-DIA2-4; ST2-3	RI.9-10.4,7,10; RI.11-12.4,7,10; SL.9-10.1-6.; SL.11-12.1-6.; L.9-10.1-4,6.; L.11-12.1-4,6.; RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.2,4-10; WHST.11-12.2,4-10	N-Q.1-3.; A-SSE.1.; A-CED.1,4.; A-REI.1,3.; G-MG.1-3.; S-ID.1-4.	A1, A6; B1-4; C4; D1, D3, D5; E3-4	A1-2, A5-7	Health/Safety; Technology; Work Habits; Technical Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	02.; AS.02.02. .01,02,04 .a.,05,06. a.; AS.03.01. 04.a-b.; AS.06.01. 01.,02.01 .a.							
Reproduction <ul style="list-style-type: none"> <li>• Female Reproduction</li> <li>• Male Reproduction</li> <li>• Estrous Cycle</li> <li>• Breeding</li> <li>• Gestation</li> <li>• Parturition</li> <li>• Breeding Soundness Examinations</li> </ul>	CS.01.01. 01.,03.a., CS.02.02. 02.a.,03. a-b.; CS02.03. 01.a.,03. a.; CS.03.01. 01.a-b.; CS.06.02. 01.a.,03. 01.a.,04. 01.a.; CS.07.01.	CRP1- 12; AG- ANI2- 4,6-7; ST2-3	RI.9- 10.4,7,10; RI.11- 12.4,7,10; SL.9-10.1- 6.; SL.11- 12.1-6.; L.9- 10.1-4,6.; L.11-12.1- 4,6.; RST.9- 10.1-10; RST.11- 12.1-10; WHST.9- 10.2,4-10;	N-Q.1.- 3.; A- SSE.1.; A- CED.4.; G-MG.1- 1.; S- ID.3.	A1, A6; B1-4; C4; D1, D3, D5; E3- 4	A1-2, A5- 7	Health/ Safety; Technol ogy; Work Habits; Technic al Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	01.01.a-b.,04.02.a., CS.08.01.01-02.,02.01.a.; CS.09.02.0a.a-b.; CS11.01.-02.; AS.02.02.04.a.,05,06.a.; AS.06.01.01.,02.01.a.; AS.05.01.01.,02.01.,02.02.; AS.05.03.01.a-b.; AS.06.01.01.		WHST.11-12.2,4-10					

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
Physical Therapy <ul style="list-style-type: none"> <li>• Exercise Based Therapy</li> <li>• Therapeutic Exercises</li> <li>• Hydrotherapy</li> <li>• Land Treadmill</li> <li>• Manual Therapies</li> <li>• Passive Range of Motion</li> <li>• Electrical &amp; Magnet Based Therapies</li> <li>• Light &amp; Sound Based Therapies</li> <li>• Assistive Devices</li> </ul>	CS.01.01.01.,03.a., CS.02.02.02.a.,03.a-b.; CS02.03.01.a.,03.a.; CS.03.01.01.a-b.; CS.06.02.01.a.,03.01.a.,04.01.a.; CS.07.01.01.01.a-b.,04.02.a., CS.08.01.01-02.,02.01.a.; CS.09.02.0a.a-b.; CS11.01.-	CRP1-12; AG-ANI2,7 HL-DIA2-4; ST2-3	RI.9-10.4,7,10; RI.11-12.4,7,10; SL.9-10.1-6.; SL.11-12.1-6.; L.9-10.1-4,6.; L.11-12.1-4,6.; RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.2,4-10; WHST.11-12.2,4-10	N-Q.1.-3.; A-SSE.1.; A-CED.4.; G-MG.1-1.; S-ID.3.	A1, A6; B1-4; C4; D1, D3, D5; E3-4	A1-2, A5-7	Health/Safety; Technology; Work Habits; Technical Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	02.; AS.06.01. 01.,02.01 .a.							
Life Stages <ul style="list-style-type: none"> <li>• Neonatal</li> <li>• Puppy</li> <li>• Adolescence</li> <li>• Adulthood</li> <li>• Senior</li> </ul>	CS.01.01. 01.,03.a., CS.02.02. 02.a.,03. a-b.; CS02.03. 01.a.,03. a.; CS.03.01. 01.a-b.; CS.06.02. 01.a.,03. 01.a.,04. 01.a.; CS.07.01. 01.01.a- b.,04.02. a., CS.08.01. 01- 02.,02.01	CRP1- 12; AG- ANI2,7; ST2-3	RI.9- 10.4,7,10; RI.11- 12.4,7,10; SL.9-10.1- 6.; SL.11- 12.1-6.; L.9- 10.1-4,6.; L.11-12.1- 4,6.; RST.9- 10.1-10; RST.11- 12.1-10; WHST.9- 10.2,4-10; WHST.11- 12.2,4-10	N-Q.1.- 3.; A- SSE.1.; A- CED.4.; G-MG.1- 1.; S- ID.3.	A1, A6; B1-4; C4; D1, D3, D5; E3- 4	A1-2, A5- 7	Health/ Safety; Technol ogy; Work Habits; Technic al Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	<b>Specific Occupational Skills Standard</b>	<b>Common Technical Core Standards</b>	<b>New Alaska ENG/LA Standards</b>	<b>New Alaska Math Standards</b>	<b>Alaska Cultural Standards</b>	<b>Employability / Career Readiness Standards</b>	<b>All Aspects of Industry/ Systems</b>	<b>Assessment</b>
	.a.; CS.09.02.0a.a-b.; CS11.01.-02.; AS.05.02.01.a-b.; AS.08.02.01.a-b.							
Practicum <ul style="list-style-type: none"> <li>• Handling</li> <li>• Nutrition</li> <li>• Management</li> <li>• Breeding</li> </ul>	CS.01.01.01.; CS.01.01.03-6.a.; CS.03.01.01.a.; CS.08.01; AS.02.03.02.01,02; AS.04.01.01.c; AS.06.01.01.; AS.08.02.01,c.	CRP1-12; AG4; AG-ANI2-3,5,7; ST2-3	RI.9-10.4,7,10; RI.11-12.4,7,10; SL.9-10.1-6.; SL.11-12.1-6.; L.9-10.1-4,6.; L.11-12.1-4,6.; RST.9-10.1-10; RST.11-12.1-10; WHST.9-10.2,4-10; WHST.11-	N-Q.1.-3.; A-SSE.1.; A-CED.4.; G-MG.1-1.; S-ID.3.	A1; A6; B1-4; C1; D1; D3-6; E3-8	A1-2; A5-7	Plannin g; Manage ment; Health/ Safety; Work Habits; Technic al Skills	Class Participation; Observation; Quizzes; Presentations ; Homework; Exams

<b>Student Performance Standards</b> <b>(Learner Outcomes or Knowledge &amp; Skill Statements)</b>	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
			12.2,4-10					
Employability Skills & Careers <ul style="list-style-type: none"> <li>• Education &amp; Training</li> <li>• Job Duties</li> <li>• Employability Skills</li> </ul>	CS.01.01.01.; CS.01.01.03-6.a.; CS.03.01.01.a.; CS.01.05.01.a.; CS.01.06.01.a-b.,05.; CS.02.02.02.,03.a-b.; CS.02.03.01.,03.	CRP1-12; AG5; HL1-2; ST5	RSLSTS1-10; WSLHSSSTS 1-10	N-Q.1.-3.; A-SSE.1.; A-CED.4.; G-MG.1-1.; S-ID.3.	A1-5; B1-5 C3; D1; D3; D5-6; E8	A1-5; B1-5	Technoloy; Work Habits; Technical Skills; Labor	Class Participation; Observation; Presentations ; Homework; Exams

**Instructional Resources**

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

**Videos**

- “Veterinary Technology”
- “Canine Cephalic and Saphenous Veins

:youth program:(4) Web 4 •CHAPTER 4- IN School HS on 05.04.16:(4) Web 4. Example Curriculum (2. High School teachers):Example HS curriculum for VET SCIENCE Class- Peggy Bruno:Animal Husbandry for Veterinary Sciences IV.docx Form #05-13-028

**DISTRICT NAME: Yukon-Koyukuk School District**

**"Canine and Feline Catheter Placement"**

**"Lab Safety" by 4ACT**

**"WebMed"**

**"Animal Health Care video: Receptionist Training"**

**"Animal Restraint"**

**Websites**

**yukonquest.com**

**Animal Care Technologies at site.4act.com**

**<http://vanat.cvm.umn.edu/>**

**specollge.edu**

**Alaska Career Information Systems (AKCIS) at [https://acpe.alaska.gov/STUDENT-PARENT/College\\_Career/AKCIS](https://acpe.alaska.gov/STUDENT-PARENT/College_Career/AKCIS)**

**Colorado State Virtual Canine Anatomy at <http://www.cvmbc.colostate.edu/vetneuro/>**

**Books**

**McCurnin's Clinical Textbook for Veterinary Technicians, Eighth Edition;, Joanna M. Bassert & John A. Thomas, ISBN: 978-1-4377-2680-0**

**McCurnin's Clinical Textbook for Veterinary Technicians Workbook, Eighth Edition;, Joanna M. Bassert & John A. Thomas, ISBN: 978-1-4557-2671-4**