

**ANHLT 109 Course Outline as of Fall 2014****CATALOG INFORMATION**

Dept and Nbr: ANHLT 109 Title: COMP/ALT VET MED  
 Full Title: Complementary and Alternative Veterinary Medicine  
 Last Reviewed: 4/13/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	2.00		Contact Total	35.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 105.00

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

This class will focus on disease treatment in animal species, (primarily feline and canine) using complementary and alternative modalities. Modalities covered will include acupuncture, herbal medicine, chiropractic, and homeopathy. This class will include complementary and alternative veterinary medicine (CAVM) terminology; record keeping, preparation and administration of nutraceutical, herbal, and homeopathic medicines; patient monitoring; removal, handling and disposal of acupuncture needles; prescription preparation; and client education regarding CAVM treatments.

**Prerequisites/Corequisites:**

Completion of or Current Enrollment in ANHLT 50

**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: This class will focus on disease treatment in animal species, (primarily feline and canine) using complementary and alternative modalities. Modalities covered will include

acupuncture, herbal medicine, chiropractic, and homeopathy. This class will include complementary and alternative veterinary medicine (CAVM) terminology; record keeping, preparation and administration of nutraceutical, herbal, and homeopathic medicines; patient monitoring; removal, handling and disposal of acupuncture needles; prescription preparation; and client education regarding CAVM treatments. (Grade or P/NP)

Prerequisites/Corequisites: Completion of or Current Enrollment in ANHLT 50

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Describe and discuss the use of homeopathy, acupuncture, chiropractic, herbal medicine, and nutritional supplementation for veterinary patients.
2. Describe and discuss routine preventative care including vaccinations, nutritional support, and age-related medical needs from a complementary and alternative perspective.
3. Describe and discuss the preparation and administration of homeopathic remedies, herbal medicines, and nutritional supplements.

### **Objectives:**

Upon completion of the course, students will be able to:

1. Discuss proper preventative medicine protocols including vaccination.
2. Compare homeopathic approach to conventional treatment.
3. Describe the symptom based method of homeopathic remedy selection.
4. Identify key symptomology and describe patient evaluation under homeopathic care.
5. Describe proper administration of homeopathic remedies.
6. Describe common dosing interval and potency of homeopathic remedies.
7. Describe the theories commonly used for treatment in Traditional Chinese Medicine.
8. Describe the location and action of major acupuncture points used in animals.
9. Describe the proper technique for acupressure.
10. Describe the proper technique for acupuncture needle removal.
11. Describe common treatment frequency and patient monitoring with acupuncture.

12. Discuss range of motion palpation and chiropractic adjustments in animals.
13. Discuss treatment frequency and patient monitoring with chiropractic treatment.
14. Describe proper restraint for animals receiving physical examinations, acupuncture and/or chiropractic treatments.
15. Recognize relevant terminology for record keeping purposes.
16. Describe the normal grieving process, including assisting clients with grieving.
17. Discuss euthanasia, including appropriate indications for euthanasia and assisting veterinarian in the process.

## **Topics and Scope:**

- 1) Medical record keeping
  - a. Patient signalment and modality specific medical history
  - b. Subjective-Objective Assessment Plan (SOAP) record keeping format
  - c. Acupuncture point abbreviations
  - d. Chiropractic adjustment abbreviations
- 2) Physical examination
  - a. Body systems based examination
  - b. Acupuncture specific physical examination
  - c. Chiropractic specific physical examination
  - d. Handling to assist with examination, acupuncture, or chiropractic treatments
- 4) Preventative medicine
  - a. Preventable diseases
  - b. Susceptibility factors
  - c. Vaccination protocols
  - d. Vaccination handling and administration
  - e. Homeopathic treatments including Nosodes
  - f. Diets for healthy animals
  - g. Dental home care
  - h. Client education
- 5) Medication Administration
  - a. Medication preparation
  - b. Forms of medication
  - c. Medication dosage calculations
  - d. Frequency of administration
  - e. Oral medication administration
- 7) Homeopathy
  - a. History and theory
  - b. Treatment strategy and therapeutic use
  - c. Outcome assessment
  - d. Terminology, client communication, and client education
  - e. Commonly treated conditions and contraindications
- 8) Acupuncture and Traditional Chinese Herbs
  - a. History and theory
  - b. Treatment strategy and therapeutic use
  - c. Outcome assessment
  - d. Terminology, client communication, and client education
  - e. Commonly treated conditions and contraindications
  - f. Acupressure, electrostimulation, and acu-laser therapy
- 9) Chiropractic
  - a. History and theory
  - b. Treatment strategy and therapeutic use

- c. Outcome assessment
  - d. Terminology, client communication, and client education
  - e. Commonly treated conditions and contraindications
- 10) Other Modalities
- a. Physical therapy
  - b. Massage
  - c. Tellington Touch
  - d. Psychomotor therapy
  - e. Reiki
  - f. Western and Ayurvedic herbs
  - g. Flower essences
- 12) Nutrition
- a. Labels and manufacturer regulations
  - b. Nutrients and common ingredients
  - c. Nutritional needs based on life stage
  - d. Nutritional needs based on disease status
  - e. Nutrient requirements
  - f. Rotational diets
  - g. Food actions from a Chinese Medicine perspective
  - h. Home preparation of diets
- 13) Euthanasia
- a. Quality of life and pain assessments
  - b. Hospice and end of life care
  - c. Recommended euthanasia procedures and assisting the veterinarian
  - d. Grief process and assisting the client

### Assignment:

1. Reading in texts and handouts (20-40 pages/week)
2. Participation in mock client interactions and medical record keeping
3. Reflective essays (up to 5 assignments of approximately 1-3 pages each)
4. Presentations on complementary and alternative veterinary treatment.
5. Participation in mock patient handling, restraining and physical examinations
6. Midterms (up to 2), quizzes and final exam.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Reflective essays and presentation materials
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Writing 20 - 35%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None
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Problem solving 0 - 0%
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**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Presentations and mock client activities

Skill Demonstrations  
20 - 35%

**Exams:** All forms of formal testing, other than skill performance exams.

Quizzes, midterm examinations, and final exams: multiple choice, true/false, matching items, completion, identification, case study comprehension

Exams  
30 - 50%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

### **Representative Textbooks and Materials:**

Fraizer, A., Eckroate, N. The Natural Cat. The Comprehensive Guide to Optimum Care. New York: Plume; 2008.

Hamilton, D. Homeopathic Care for Cats and Dogs, Small Doses for Small Animals. 2nd Edition. Berkeley: North Atlantic Books; 2010

Kaptchuk, T. The Web That Has No Weaver: Understanding Chinese Medicine. McGraw-Hill; 2000 (classic)

Pitcairn, R. Natural Health for Dogs & Cats. 3rd Edition. USA: Rodale; 2005. (classic)

Schwartz, C. Four Paws, Five Directions. Berkeley: Celestial Arts Press. 1996 (classic)

Zidonis, N., Snow, A. Acu-Cat A Guide to Feline Acupressure. 1st Edition. Larkspur: Tallgrass Publishing. 2000 (classic)