



**EFFECTIVE: SEPTEMBER, 2008**  
**CURRICULUM GUIDELINES**

**A. Division:**                      **Education**    Effective Date:    **September, 2008**

**B. Department /**                      **Science and Technology**    Revision     New Course   

Program Area:                      **Animal Health Technology**

If Revision, Section(s)  
Revised:  
Date of Previous Revision:  
Date of Current Revision:

**C: AHTT 2303**    **D: Veterinary Care 3**    **E: 4**

Subject & Course No.	Descriptive Title	Semester Credits						
<p><b>F:</b> Calendar Description:</p> <p>This course will give students further practice in the clinical skills needed to be an effective technician. Theory and practice of intravenous fluid therapy, data gathering (ECG's, blood pressure and vitals monitoring, blood and specimen collection, etc.), and relevant animal (including exotic, large and lab animal) behaviour and handling will be detailed. This course will include kennel and/or relevant volunteer duty. Professional ethics and workplace issues will be discussed.</p>								
<p><b>G:</b> Allocation of Contact Hours to Type of Instruction / Learning Settings</p> <p>Primary Methods of Instructional Delivery and/or Learning Settings:</p> <p><b>Lecture, Laboratory/Field trips and WLI (Workplace-based Laboratory Instruction)</b></p> <p>Number of Contact Hours: (per week / semester for each descriptor)</p> <p><b>7 hours/wk, first 4 wks then 4 hrs per week: i.e. Wks 1-4: 1 x 1 hr &amp; 1 x 2 hr lecture; 1 x 4 hr laboratory</b></p> <p><b>4 hr laboratory</b></p> <p><b>Wks 5-12: 3 hr x lectures/demonstrations; 4 hrs x WLI placement.</b></p> <p><b>A 3 week internship placement will be completed at the end of the above course work.</b></p> <p>Number of Weeks per Semester:</p> <p><b>15 weeks</b></p>	<p><b>H:</b> Course Prerequisites:</p> <p>AHTT 1103 Veterinary Care 1 AHTT 1203 Veterinary Care 2 CMNS 1111 Communications for the AHT</p>	<p><b>I:</b> Course Corequisites:</p> <p>None</p>						
	<p><b>J:</b> Course for which this Course is a Prerequisite</p> <p>None</p>	<p><b>K:</b> Maximum Class Size:</p> <p><b>30</b></p>						
<p><b>L:</b> PLEASE INDICATE:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px; border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td>Non-Credit</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input checked="" type="checkbox"/></td> <td>College Credit Non-Transfer</td> </tr> <tr> <td style="border: 1px solid black; text-align: center;"><input type="checkbox"/></td> <td>College Credit Transfer:</td> </tr> </table> <p style="text-align: center;">SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (<a href="http://www.bctransferguide.ca">www.bctransferguide.ca</a>)</p>			<input type="checkbox"/>	Non-Credit	<input checked="" type="checkbox"/>	College Credit Non-Transfer	<input type="checkbox"/>	College Credit Transfer:
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**M:** Course Objectives / Learning Outcomes

The student will become more skilled in techniques used by the AHT in small and large animal practice. These include intravenous fluid therapy, blood pressure monitoring, chest auscultation and ECGs, venipuncture and blood collection, patient restraint and physical exams. Practice in record keeping, ward hygiene and infection control will be obtained. A deeper understanding of the ethical and workplace issues facing the AHT will be gained. Further practice of basic skills in large animal health technology will increase the student's competency in this field.

**N:** Course Content:**Nursing Skills:**

Small animal case management -- including history, record keeping, clinical procedures, including physical exam, monitoring vital signs, venipuncture and IV fluid therapy, urinary catheterization.

Exotic & laboratory animal case management – including practice in restraint, record keeping, physical exam, vital signs and basic procedures.

Large animal case management -- history, handling, restraint, physical examination, venipuncture, injections and other basic procedures, including vaccines, foot care etc.

**Special Procedures:**

Techniques in clinical pathology -- further practice of fine needle aspirates; common biopsy techniques; usage and maintenance of advanced blood analysis equipment. Sampling from a variety of species safely.

Maintenance of samples and processing for the laboratory. Utilizing a variety of laboratory equipment in a clinical setting.

Postmortem techniques.

**Large Animal Care:**

Further demonstrations and practice in large animal care with emphasis on routine herd management procedures, appropriate dietary support and required equipment. Decision-making by veterinarians for infection control and herd health.

**Workplace Communications:**

Observation and interpretation of interactions between a veterinary team members as well as clients, building upon the skills learned in CMNS 1111. Workplace safety and a review of WHMIS.

**O:** Methods of Instruction

This course includes 3-7 hours of classroom instruction per week. It also includes 2-8 hour visits to various animal and veterinary related facilities around the Metro Vancouver/Fraser Valley area as part of a 6 week rotation of Workplace Laboratory Instruction, for a total average instructional time of 7 hours per week. (note: Students will require their own transportation to these WLI locations.)

**P:** Textbooks and Materials to be Purchased by Students

1. McCurnin, D. & Bassert, J.M. 2006 Clinical Textbook for Veterinary Technicians. Elsevier. 6<sup>th</sup> Ed. (required)
2. Crowe, S.E. 1997 *Manual of Clinical Procedures in the Dog, Cat & Rabbit*. Blackwell Publishing. 2<sup>nd</sup> edition. (required)
3. Sirois, Margi. 2004 *Principles and Practice of Veterinary Technology*. Mosby Inc. (recommended)
4. Steel toed boots and coveralls or appropriate farm wear will be required for all farm and large animal visits. Clinic shoes and scrubs/lab coat will be required for in clinic instruction.

**Q:** Means of Assessment

Quizzes - laboratory	25%
Practical Skill Demonstrations/ Clinical Reports	25%
Assignments	15%
Participation/Attendance & Internship Evaluation	10%
Final exam	<u>25%</u>
	100%

**R:** Prior Learning Assessment and Recognition: specify whether course is open for PLAR

No

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 Course Designer(s)  
 Dr. Diane Boyle

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 Education Council / Curriculum Committee Representative

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 Dean / Director  
 Dr. Sandy Vanderburgh

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 Registrar