



**EFFECTIVE: SEPTEMBER 2007**  
**CURRICULUM GUIDELINES**

<b>A.</b>	Division:	<b>Education</b>	Effective Date:	<b>September 2007</b>
<b>B.</b>	Department / Program Area:	<b>Science &amp; Technology Animal Health Technology</b>	Revision	<input type="checkbox"/> New Course <input checked="" type="checkbox"/>
			If Revision, Section(s) Revised: Date of Previous Revision: Date of Current Revision:	
<b>C:</b>	<b>AHTT 1103</b>	<b>D: Veterinary Care I</b>	<b>E:</b>	<b>3</b>
	Subject & Course No.	Descriptive Title	Semester Credits r	

y records. Normal  
 small and large animal behaviour, pain assessment, safe restraint, care of hospitalized animals, homecare and  
 euthanasia are covered. The principles of basic pharmaco

**M:**

**Kennel and Stall Management:**

- Factors in choosing kennels/arrangements to decrease stress, viral transmission, and increase safety and well being.
- Review of sanitation – cleansers used in wards, kennels and stables, barns
- WHMIS
- Isolation procedures

**Techniques in Nursing Care:**

- Intravenous catheterization basics
- Urinary tract catheterization basics
- Oxygen delivery methods – nasal catheterization, mask, endotracheal, oxygen cage
- Species specific methods
- Rehabilitation and physical therapy

**Fluid Therapy & Blood Transfusions:**

- Theory of fluid therapy (fluid distribution, electrolytes, acid-base balance)
- Indications for fluid therapy, choice of product, routes of administration
- Client education /home care
- Transfusion medicine (including blood type review)
- Monitoring fluid administration and blood transfusions
- Complications

**Emergency & Critical Care:**

- Emergency procedures – endotracheal intubation, tracheostomy, thoracocentesis, chest tubes
- Jugular catheterization
- CPR
- Types of emergencies and AHT's role in treating selected common ones:
  - a) Cardiovascular (hypovolemic shock, CHF, aortic thromboembolism)
  - b) Acute abdomen emergencies (GDV)
  - c) Urogenital emergencies (acute renal failure, FLUTD, dystocia, pyometra)
  - d) Endocrine system (DKA, Addison's disease)

**O. Methods of Instruction:**

This course involves two hours of classroom instruction per week and two hours of laboratory activity per week. Off campus field trips for large animal practical skill instruction are also required.

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

1. McCurnin, Dennis & Bassert, J.M. *Clinical Textbook for Veterinary Technicians*. Elsevier. 6<sup>th</sup> ed. 2006 (required)
2. Crowe, Steven E. *Manual of Clinical Procedures in the Dog, Cat & Rabbit*. Blackwell Publishing. 2<sup>nd</sup> edition, 1997 (required)
3. Sirois, Margi. *Principles and Practice of Veterinary Technology*. Mosby Inc. 2004 (recommended)
4. Clean lab coat and clinic shoes.

**Q: Means of Assessment:**

Quiz #1	20
Quiz # 2	20
Group Assignments & Projects	20
Final exam	25
Participation (self-evaluation) & attendance	<u>15</u>
	100%

**Grades:** A+ 95-100, A 90-94, A- 85-89, B+ 80-84, B 75-79, B- 70-74,  
C+ 65-69, C 60-64, C- 55-59, P 50-54, F 0-49.

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

Yes