



EFFECTIVE: SEPTEMBER 2007
CURRICULUM GUIDELINES

A.	Division:	Education	Effective Date:	September 2007
B.	Department / Program Area:	Science & Technology Animal Health Technology	Revision	<input type="checkbox"/> New Course <input checked="" type="checkbox"/>
			If Revision, Section(s) Revised: Date of Previous Revision: Date of Current Revision:	
C:	AHTT 1103	D: Veterinary Care I	E:	3
	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. 6th ed. 2006 (required)
2. Crowe, Steven E. *Manual of Clinical Procedures in the Dog, Cat & Rabbit*. Blackwell Publishing. 2nd 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