

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

А.	Division:	Education		Effective Date:		September 2008		
В.	Department / Program Area:	Science and Technology Animal Health Technology	If Re Da	evision Revision, Section(s) evised: ate of Previous Revision ate of Current Revision		New Course	X	
C:	AHTT 2106	D: Veterinary			•	E: 2		
	-		Descri	ptive Title		Semester Credits		
F:	Calendar Description: This course will review the basics of companion animal oral anatomy and health, with emphasis on normal dental formulas, life stage changes and preventative health. Students will also learn and practice techniques in routine dental prophylaxis, dental charting, and client education in home care and nutrition.							
G:	Allocation of Contact Hours to Type of Instruction / Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings:		H:		TT 1101 Veterinary Anatomy & Physiology 1 TT 1203 Veterinary Care 2			
	Lecture/Lab	Lecture/Lab		Course Corequisites: None	e Corequisites:			
	Number of Contact Hours: (per week / semester for each descriptor) 4 hours/week & 1 weekend course of 6 hrs 1x 1 hr lecture 1 x 3 hr laboratory 1 x 6 hr intensive course(weekend day)		J:	Course for which this Course is a Prerequisite				
				None				
			K:	Maximum Class Size	Size:			
				30				
	Number of Weel	ks per Semester:						
	8 week course							
L:	College Cr		ETAIL	S (www.bctransferguid	le.ca)			

M:	Course Objectives / Learning Outcomes				
	Upon successful completion of this course students will be able to:				
	<ol> <li>Enumerate and perform standard tasks in veterinary dentistry that are in the scope of the Animal Health Technologist's role.</li> <li>Recognize normal and abnormal dental anatomy and conditions.</li> <li>Use dental terminology and identify teeth by both Anatomical and Triadan systems in order to accurately chart dental procedures and conditions.</li> <li>Recognize and correctly use and care for dental hand instruments.</li> <li>Be competent in recommending home dental care programs to clients.</li> <li>Develop an understanding of gingivitis, periodontitis and oral hygiene procedures.</li> <li>Become familiar with dental radiology and have a theoretical basis for further skills development.</li> </ol>				
N:	Course Content:				
	<ol> <li>Anatomy and physiology of the tooth including embryology of deciduous teeth in their development into adult structures.</li> <li>Pathology of periodontal disease and periodontitis. Clinical signs and treatment of the latter.</li> <li>Performing the oral exam: recognition of occlusion, fractured teeth, crowding, abscesses, poor positioning, and neoplasia of the oral cavity.</li> <li>Dental instrumentation - identification and care of instruments with an emphasis on proper sharpening and maintenance.</li> <li>Dental prophylaxis (cleaning): "the who, what, when and why."</li> <li>Dental duties of the AHT - a review.</li> <li>Dental radiology - an introduction and a review of dental x-ray anatomy.</li> <li>Special topics in small animal dentistry (may include local blocks, impressions etc.).</li> <li>Large animal dentistry - theory and demonstration of floating (equine)</li> </ol>				
0:	Methods of Instruction				
	This course includes 1 hour of classroom instruction per week, 3 hours of laboratory instruction including demonstrations and practical experiences, and a weekend day or evening course consisting of intensive laboratory instruction and practical learning.				
<b>P:</b>	Textbooks and Materials to be Purchased by Students				
	<ol> <li>Holstrom, Stephen E, 2000. Veterinary Dentistry for Technicians and Office Staff, Elsevier/Saunders.</li> <li>Course pack.</li> </ol>				
Q:	Means of AssessmentQuizzes – laboratory & lecture20-40%Group Project10-20%Final exam20-30%Laboratory final (practical)20-30%Attendance and Participation10%100%				

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

YES

Course Designer(s) Dr Diane Boyle ( advisors : Dr Loic Legendre, Dr Judy Rochette) Education Council / Curriculum Committee Representative

Dean / Director Dr. Sandy Vanderburgh

Registrar

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