



**M:** Course Objectives / Learning Outcomes

Upon successful completion of this course students will be able to:

1. Enumerate and perform standard tasks in veterinary dentistry that are in the scope of the Animal Health Technologist's role.
2. Recognize normal and abnormal dental anatomy and conditions.
3. Use dental terminology and identify teeth by both Anatomical and Triadan systems in order to accurately chart dental procedures and conditions.
4. Recognize and correctly use and care for dental hand instruments.
5. Be competent in recommending home dental care programs to clients.
6. Develop an understanding of gingivitis, periodontitis and oral hygiene procedures.
7. Become familiar with dental radiology and have a theoretical basis for further skills development.

**N:** Course Content:

1. Anatomy and physiology of the tooth including embryology of deciduous teeth in their development into adult structures.
2. Pathology of periodontal disease and periodontitis. Clinical signs and treatment of the latter.
3. Performing the oral exam: recognition of occlusion, fractured teeth, crowding, abscesses, poor positioning, and neoplasia of the oral cavity.
4. Dental instrumentation - identification and care of instruments with an emphasis on proper sharpening and maintenance.
5. Dental prophylaxis (cleaning): "the who, what, when and why."
6. Dental duties of the AHT - a review.
7. Dental radiology - an introduction and a review of dental x-ray anatomy.
8. Special topics in small animal dentistry (may include local blocks, impressions etc.).
9. Large animal dentistry - theory and demonstration of floating (equine)

**O:** 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.

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

1. Holstrom, Stephen E, 2000. Veterinary Dentistry for Technicians and Office Staff, Elsevier/Saunders.
2. Course pack.

**Q:** Means of Assessment

Quizzes – laboratory & lecture	20-40%
Group Project	10-20%
Final exam	20-30%
Laboratory final (practical)	20-30%
Attendance and Participation	<u>10%</u>
	100%

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

YES

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Course Designer(s) Dr Diane Boyle  
( advisors : Dr Loic Legendre, Dr Judy Rochette)

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Education Council / Curriculum Committee Representative

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Dean / Director Dr. Sandy Vanderburgh

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Registrar