

**NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE
COURSE SYLLABUS**

Course Title: Periodontology and Oral Radiology

Course #: VET 240

Course Description: 2 semester hours (lecture/lab)

This course will introduce the student to the field of veterinary dentistry. Oral anatomy, terminology, instrumentation, periodontology, and oral radiography will be discussed. The clinical applications of modern veterinary dental care and the role of the veterinary dental hygienist will be emphasized. Dental models and live animals are used in the laboratory. Analog and Digital Oral Radiology will be described. Full laboratory in the elements of the Periodontal Prophylaxis and in Oral Radiology are an integral part of the course.

Co-requisite: VET*212 and 230

Goals: To promote self confidence and a working knowledge of periodontal pathology and oral pathology; to understand and master the key elements in oral diagnostics as a technical assistant to the veterinarian; to have a full comprehension of the significance of oral radiology in the diagnostic review of pathology in companion animals.

Outcomes: Upon successful completion of the course students should be able to:

- Perform all elements of a Periodontal Prophylaxis
- Perform quality diagnostic oral radiology of the Canine and Feline
- Understand how radiology can be coupled with telemedicine for an accurate oral diagnosis
- Assist the veterinarian in client education involving home care
- Have a working knowledge of hand oral hygiene instrumentation as well as Piezoelectric ultrasonic instrumentation
- Have a working knowledge of oral pathology in companion animals; even though a veterinarian can only make a diagnosis it is the responsibility of the oral hygiene technician to note and describe all pathology visited during the prophylaxis procedure
- Understand the important of Medical Records and be able to complete in detail an Oral Medical Record
- Understand the importance of pre-anesthetic testing
- Understand the Anesthesia Monitoring Record and be able to calculate ALL emergency drugs and chart the patient while under general inhalation anesthesia
- Understand the importance of proper analgesic systems and pain control pre-operative, intraoperative, and post operative