

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
DNH 111 - ORAL ANATOMY (2 CR.)**

Course Description

This course presents a study of the morphology and function of the oral structures with emphasis on the primary and permanent dentition, eruption sequence, occlusion, and intra-arch relationships. Lecture 2 hours per week.

General Course Purpose

This course provides an in-depth study of the human dentition which includes anatomical landmarks of the oral cavity, nomenclature as well as tooth and root morphology.

Course Prerequisites/Co-Requisites

None

Course Objectives

Upon completing the course, the student will be able to:

- Identify structures in the oral cavity.
- Recognize significant structural and functional forms of the human dentition and the effects on dental hygiene procedures.
- Discuss variances in the morphological characteristics of the human dentition as they relate to vulnerability or resistance to dental disease, deposit retention, clinical instrumentation procedures, and oral hygiene instruction.
- Describe protective functions of the human dentition related to proper alignment and functional relationships with one another.
- Recognize normal occlusal relationships as well as malocclusion, malalignment, overjet, and overbite and their significance to dental treatment.
- Clinically compare and differentiate between a deciduous and permanent dentition.
- Describe the pattern of development and sequence of tooth eruption in the human dentition.
- Identify periodontal structures and their significance to oral health.
- Incorporate current knowledge with future radiographic information to accurately mount dental radiographs by examining the morphological characteristics of the dentition.
- Produce and accurately label line drawings of one half of the adult dentition, maxillary and mandibular.
- Identify extracted or pictures of individual teeth.

Major Topics to be Included

- Anatomical Landmarks of the Oral Cavity
- Anatomical Landmarks of the Supporting Structures
- Dental Terminology
- The Permanent Dentition
- Root Morphology
- The Primary Teeth
- Eruption and Exfoliation
- Occlusal Classifications and Relationships