

Master Syllabus

DEH 1203 - Lab for Head, Neck & Dental Anatomy

Division: Health Sciences

Department: Dental Health Sciences

Credit Hour Total: 0.0

Other Prerequisite(s): Restricted to Majors

Date Revised: October 2013

Course Description:

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Root Morphology

On anatomic models, identify the coronal and radicular portions of the pulpal tissues and demonstrate the ability to correctly identify an individual tooth strictly by its root structures and features.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Morphology of the Skull

Identify the individual bones of the skull and name selected anatomic components of each bone.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Muscles of the Head and Neck

On anatomic models, name and locate the muscle groups of the head and neck. Identify individual muscles as indicated on these models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Temporomandibular Joint

Identify the anatomical structures that comprise the temporomandibular joint on anatomic models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Nervous System and Innervations

Identify selected nerves that innervate the oral cavity and para-oral tissues on anatomic models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Blood supply of the Head and Neck

Identify individual arteries and veins as found on anatomic models of the head and neck.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Oral and Paraoral Tissues

Identify the gross anatomical structures of the oral and para-oral soft tissues on anatomic slides and models. Differentiate the three basic classes of mucosa by location on anatomic slides and models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Form Function and Composition of the Dentition

Differentiate the crown portion of the tooth from the root and identify the dental tissues by location on anatomic models. Differentiate the locations and functions of the different types of teeth on anatomic models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Tooth Arrangement and Contacts

Locate and name the arches, quadrants and sextants of the dentition and identify contact areas and embrasures on anatomic models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Tooth Numbering and Morphology

Identify morphological features of each permanent and primary tooth and correctly assign the appropriate name and code number/letter of individual teeth on anatomic models.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Eruption Sequence and Malocclusion

On anatomic models, list the pattern and dates for eruption of all primary and permanent teeth and identify and classify the mal-alignment and/or mal-positioning of teeth.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Classification of Occlusion

Correctly classify the occlusion as presented on models of the human dentition.

Assessment Method: Locally developed exams

Performance Criteria: 70% or higher achieved

Outline:

Anatomy of the Oral and Para-Oral Structures

Tooth Morphology & Function

Occlusion

Bones of the Skull

Muscles of the Head and Neck

Neuroanatomy and Vascularity of the Head and Neck