

## 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

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### 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