

## Master Syllabus

### EFD 1102 - Dental Anatomy for Dental Auxiliaries

**Division:** Health Sciences

**Department:** Dental Health Sciences

**Credit Hour Total:** 1.0

**Lecture Hrs:** 1.0

**Other Prerequisite(s):** Other Acceptance into EFDA program

**Date Revised:** October 2013

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#### Course Description:

A study of form and function of the human dentition. This course is designed to provide an overview of the terminology and characteristics of all teeth in the adult and primary dentition. Includes identification of all anatomical tooth structures, eruption schedule and occlusion.

#### General Education Outcomes:

- Critical Thinking/Problem Solving Competency

#### Course Outcomes:

##### Tooth Arrangements and Contacts

Delineate the arrangement of the teeth into dentitions, arches, quadrants and sextants, and describe the function of contact areas and embrasures.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher achieved

##### Tooth Numbering and Morphology

Differentiate and compare morphological features of each permanent and primary tooth and assign the appropriate name and code number/letter to each tooth.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher achieved

##### Eruption Sequence and Malocclusion

State the pattern and dates for eruption of all primary and permanent teeth and differentiate among the characteristics that contribute to mal-alignment or mal-positioning of teeth.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher achieved

##### Classification of Occlusion

Describe Angle's classification of occlusion and define the terminology used in the analysis of the human dental occlusion.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher achieved

##### Form, Function and Composition of the Dentition

Compare and contrast the morphology and function of the various classes of teeth including the various elements that comprise tooth structure such as the composition, location, and function of enamel, dentin, cementum and the dental pulp.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher achieved

#### Outline:

Tooth function and terms  
Tooth tissues  
Types, surfaces, division of teeth  
Line and point angles  
Landmarks  
Tooth form and contours  
Eruption  
Supporting structures  
Permanent Incisors, Canines, Premolars, Molars  
Primary dentition  
Occlusion