

DHY 118 Dental Anatomy

Course Abstract

If you need accommodations due to a disability, contact Disability Services in Edison Hall Room 100, 732.906.2546.

To foster a productive learning environment, the College requires that all students adhere to the Code of Student Conduct which is published in the college catalog and website.

Course ID and Name: DHY 118 Dental Anatomy

Department: Dental Hygiene

Course Instructor: Julie Panetta, RDH, MSDH

Prerequisites: None

Course Description:

This course examines in detail the teeth, both primary and permanent dentitions, and concepts of occlusion. Didactic materials are supplemented by laboratory exercises.

General Education Status:

Credits: 2 **Lecture Hours:** 1 **Lab Hours:** 2 **Practicum Hours:** 0 **Recitation Hours:** 0

Learning Outcomes:

1. Identify and compare macroscopic anatomy of deciduous and permanent dentitions. **C4, C9, PC1, HP3**
2. Identify occlusal relationships of deciduous and permanent dentitions. **C4, C9, PC1**
3. Identify different types of teeth. **PC1**

Course Objectives:

Upon completion of this series of lectures and demonstrations, and upon completion of written examinations and a laboratory practical, it is expected that the student will:

1. Explain the process of odontogenesis. **C4, C9, PC1**
2. Describe the stages of exfoliation and eruption. **C4, C9, PC1, HP3**
3. List the orofacial and dental developmental anomalies and describe their clinical significance. **C4, C9, PC1, HP3, HP4**
4. Identify the macroscopic anatomy of the dental apparatus, both deciduous and permanent. **C4, C9, PC1**
5. Define the nomenclature related to dental anatomy. **C4, C9, PC1**
6. Describe the function of the deciduous and permanent dentitions. **C4, C9, PC1**
7. Describe the topography of each tooth in the permanent dentition. **C4, C9, PC1**
8. Identify the primary and permanent dentition according to Palmer's and/or Universal system. **C4, C9, PC1**
9. Classify the occlusion of the teeth according to Angle's classification. **C4, C9, PC1**
10. Relate the topography of the crowns and roots of the teeth to scaling procedures. **C4, C9, PC1, HP3**
11. Compare and contrast the anatomy of the primary and permanent dentitions. **C4, C9, PC1**