

DHY 117 Head and Neck 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 117 Head and Neck Anatomy

Department: Dental Hygiene

Course Instructor: Susan Disoteo, RDH, MS

Prerequisites: Co-requisites DHY 116, DHY 118

General Education Status:

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

Course Description:

This course examines in detail the anatomical landmarks of the head and neck. There will be emphasis on the bones, muscles, nerves, glands, and blood vessels of the head and neck. Didactic materials are supplemented by laboratory exercises. Using lectures, video and lab and web-based exercises, the material will cover the functions of the anatomical structures and how this information is used to solve or understand clinical problems. This course is web-enhanced and students are encouraged to use supplemental websites for home-study and for case study.

Learning Outcomes:

1. Identify location, function and dental relevance of anatomical structures of the head and neck. **C3, C4, C9, C10, HP1, HP2, HP4, PC1, PC2**

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. Locate and identify surface landmarks of the Head and Neck. **C4, C9, PC1**
2. Identify the bones of the skull and the significant landmarks on each bone. **C4**
3. List and identify the muscles of the head and neck. **C4**
4. State the origin, insertion and action of the muscles of the head and neck. **C4**
5. State the innervation of the tissues and muscles of the head and neck as they correspond to each of the cranial nerves. **C4**
6. Explain the vascular supply and drainage of the head and neck. **C4, C10**

7. Describe the anatomy and function of the temporomandibular joint and describe common disorders associated with the TMJ. **C4, C10, HP4, PC1, PC2**
8. List the major and minor salivary glands, naming their ducts and describing the relation of each gland to muscles and bone. **C4, HP3, PC1, PC2**
9. Describe the function of the lymphatic system and locate and name the lymph nodes of the head and neck and their drainage paths. **C4, C10, PC1**
10. Relate the knowledge of head and neck anatomy to the clinical evaluation of the patient. **C4, C10, C5, HP1, HP2, PC1, PC2**