



Wayne County Community College District

COURSE SYLLABUS

DHY 110 Oral Anatomy and Physiology

CREDIT HOURS: 3.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:

This course provides an in-depth study of the morphology and function of primary and permanent teeth, including all of the structures involved in the mechanism of mastication, primary and permanent tooth eruption schedules and anatomical forms, function of primary and permanent dentition vocabulary used to describe teeth and other structures in the oral cavity and the principles of occlusion. Included is a detailed study of the skeletal, muscular, circulatory and nervous systems of the head and neck.

PREREQUISITES:

EXPECTED COMPETENCIES:

Upon completion of this course, the student will be familiar with:

- Recognize and categorize individual teeth according to morphologic differences observed.
- Comprehend the basic relationship between the morphologic characteristics of the teeth and the potential disease processes affecting them and what preventive interventions may accomplish.
- Recognize the basic principles of occlusion and the variables that play important roles in inter- and intra-arch relationships.
- Integrate the functional and anatomical relationships within the head and neck region in the provision of dental hygiene care.
- Describe the relationship between the oral cavity and head and neck region to the rest of the body.
- Utilize information and knowledge gained from this course in critically analyzing and developing clinical treatment skills.
- Identify, discriminate and interpret both normal and abnormal tooth anatomy and occlusion in both permanent and primary dentitions.
- Develop an understanding of root coronal and pulpal morphology.
- Develop an understanding of development, calcification and eruption of both dentitions.
- Develop language skills that utilize correct dental terminology and identification system in order to properly communicate with other health care professions.

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

93%- 100% = A

86% - 92% = B

85% - 75% = C

69% - 74% = D

0% - 68% = E