COURSE TITLE & NUMBER: Dental Anatomy 2: DAS1547
CREDITS: 2 (2 Lec/ 0 Lab)
PREREQUISITES: Dental Anatomy 1: DAS 1507

CATALOG DESCRIPTION:
Dental Anatomy 2 is designed to teach the students the development of the teeth, supporting structures, and the face. It will also cover the disease processes, cause, manifestations and effects of disease on living tissue as it relates to the oral cavity.

OUTLINE OF MAJOR CONTENT AREAS:
1. Oral embryology and histology
   A. Supporting tissues of the oral cavity
   B. Tooth development and eruption
   C. Eruption process
   D. Eruption sequence for primary and permanent dentition
2. Body defenses
   A. Resistance
   B. Inflammation
   C. Healing and repair
3. Classification of oral lesions
4. Diseases of the teeth: diseases of the dental pulp
5. Diseases of the oral soft tissues
   A. Exam & Charting
      1. Extraoral & intraoral
      2. Lymph nodes
      3. Tempromandibular joint
      4. Lips, tongue, oral mucosa
   B. Etiology
   C. Appearance
   D. Treatment
6. Oral cancer
   A. Benign tumors
   B. Malignant tumors
   C. Leukemia
   D. Prevention of oral cancer
   E. Dental implications of radiation treatment
   F. Dental implications of chemotherapy
7. Oral manifestations of nutritional disorders
COURSE GOALS/OBJECTIVES/OUTCOMES:
1. Students will identify and describe the development of the face and oral tissues during the different phases of pregnancy.
2. Students will identify the components and substances that make up the oral cavity including tooth structure and components of the periodontium and alveolar bone.
3. Students will list the sequence of eruption of both dentitions.
4. Students will list and understand body defenses and characterize the process of inflammation.
5. Students will define and identify oral pathology normal vs abnormal conditions while understanding the dental assistant’s role in this area.
6. Students will identify and describe oral lesions, diseases, and conditions related to biological, physical, chemical agents, developmental disturbances, and nutritional deficiencies.
7. Students will identify oral lesions related to cancer, AIDS, HIV, and other miscellaneous disorders affecting the oral cavity.

MNTC GOALS AND COMPETENCIES MET:
N/A

HCC COMPETENCIES MET:
Working Productively & Cooperatively
Communicating Clearly & Effectively
Thinking Creatively & Critically
Social/Civic Responsibility/

STUDENT ASSESSMENT SHALL TAKE PLACE USING INSTRUMENTS SELECTED/DEVELOPED BY THE COURSE INSTRUCTOR.

Curriculum Committee Approval Date: May 1, 2018

AASC APPROVAL DATE: May 9, 2018
REVIEW DATE: May 2023