

Prepared by the Department of Health Sciences

Date of Departmental Approval: January 18, 2018

Date Approved by Curriculum and Programs: February 21, 2018

Effective: Fall 2018

1. **Course Number:** DEN211  
**Course Title:** Periodontics
2. **Description:** This course is an advanced study of the periodontium and its relationship to clinical practice. Incorporating current research, emphasis will be placed on the pathogenesis of periodontal disease, the relationship between periodontal health and systemic health, risk factors, methods of assessment, and current therapies for treatment and maintenance of the periodontal patient.
3. **Student Learning Outcomes:** The student will demonstrate a working knowledge of the various periodontal diseases and conditions, recognition of signs and patient symptoms, and describe the objectives and rationale of periodontal therapies. The student will recognize the importance of the preventive aspect of periodontal care.
  1. List and recognize the clinical, histological, and radiographic features of periodontal health and describe tissue changes caused by periodontal diseases.
  2. Identify and assess local and systemic risk factors of periodontal diseases.
  3. Identify the various classifications of gingivitis and periodontitis.
  4. Formulate a dental hygiene treatment plan for a variety of periodontally involved patients.
  5. Prescribe appropriate personal oral inflammation (plaque) control procedures and evaluate their effectiveness.
  6. Provide initial, non-surgical periodontal therapy, maintenance therapy, and recommend referral of patients with periodontal pathology, as appropriate.
  7. Evaluate treatment progress (tissue response) and assess the effectiveness of periodontal maintenance programs.
  8. Explain the importance of incorporating evidence-based learning into clinical practice.
4. **Credits:** 2 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisites:** DEN123 (Dental Hygiene II) and DEN128 (Clinical Dental Hygiene II)
7. **Semester(s) Offered:** Fall
1. **Suggested General Guidelines for Evaluation:** Announced quizzes every other week, midterm exam, and final exam. Students will be given a series of case studies to evaluate, with questions that must be completed outside of class. These case studies will supplement class material. Students will also be required to complete an evidenced-based Case Study research assignment. A combination of Quizzes (30%); Case Studies/Research Assignment (10%); Midterm Exam (30%); Final Exam (30%) will be used for student assessment. Students will achieve a grade of C (75) or better in this course in order to graduate from the Dental Hygiene Program.
8. **General Topical Outline (Optional):** See Attached

WEEK 1	Review of Periodontal Anatomy and Physiology
WEEK 2	Periodontal Assessment
WEEK 3	Pathogenesis of Periodontal Disease
WEEK 4	Etiology of Periodontal Diseases: Local Risk Factors
WEEK 5	Etiology of Periodontal Diseases: Host Response
WEEK 6	Etiology of Periodontal Diseases: Systemic Risk Factors
WEEK 7	Decision Making and Treatment Planning
WEEK 8	Nonsurgical Periodontal Therapy
WEEK 9	Classification of Periodontal Diseases and Conditions: Gingival Diseases
WEEK10	Classification of Periodontal Diseases and Conditions: Periodontal Diseases
WEEK 11	Current Therapies in Periodontal Treatment Incorporating Evidence-Based Approach into Clinical Practice
WEEK 12	Plaque Control / Inflammation Control
WEEK 13	Periodontal Maintenance
WEEK 14	Dental Implant Maintenance
WEEK 15	Periodontal Surgery