

**Course Information**

<b>Course Title</b>	Periodontology
<b>Course Prefix, Num. and Title</b>	DHYG 1311
<b>Division</b>	Allied Health
<b>Department</b>	Dental Hygiene
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Normal and diseased periodontium including the structural, functional, and environmental factors. Emphasis on etiology, pathology, treatment modalities, and therapeutic and preventive periodontics.
<b>Pre-Requisites</b>	Open only to students admitted to the Dental Hygiene program
<b>Co-Requisites</b>	Open only to students admitted to the Dental Hygiene program

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	3:3:1
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	3.5
<b>Lab/Other Hours Breakdown: Lab Hours</b>	1
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	Enter Clinical Hours Here.
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	Enter Practicum Hours Here.
<b>Other Hours Breakdown</b>	List Total Lab/Other Hours Here.

**Approval Signatures**

<b>Title</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared by:</b>		
<b>Department Head:</b>		
<b>Division Chair:</b>		
<b>Dean/VPI:</b>		
<b>Approved by CIR:</b>		

## Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

### I. THE PERIODONTIUM

- A. Tissues of the Periodontium in Health
- B. Microscopic Anatomy of the Periodontium

### II. PATHOGENESIS AND ETIOLOGY

- A. Pathogenesis of Periodontal Disease
- B. Introduction to Etiology
- C. Bacterial Etiologic Factors
- D. Host Response
- E. Systemic Risk Factors
- F. Local Environmental Risk Factors

### III. DISEASES OF THE PERIODONTIUM

- A. Classification of Periodontal Diseases and Conditions
- B. Gingival Diseases
- C. Periodontitis

### IV. ASSESSMENT AND PLANNING FOR THERAPY

- A. Impact of the Medical History on Periodontal Therapy
- B. Clinical Periodontal Assessment
- C. Radiographic Analysis
- D. Decision Making and Treatment Planning
- E. Evidence-Based Approach to Periodontal Care

### V. IMPLEMENTATION OF THERAPY

- A. Compliance/Communication
- B. Diet and Nutritional Counseling for Periodontal Disease
- C. Nonsurgical Periodontal Therapy
- D. Patient's Role in Nonsurgical Therapy
- E. Periodontal Surgical Procedures
- F. Periodontal Maintenance
- G. Maintenance of the Dental Implant Patient
- H. Periodontal Emergencies

Course Learning Outcomes:

**Learning Outcomes – Upon successful completion of this course, students will:**

1. Contrast normal and abnormal periodontium.
2. Analyze the etiology and pathology of periodontal diseases including treatment modalities used for therapy and prevention.
3. Interpret periodontal assessment data and develop a dental hygiene treatment plan.

**Methods of Assessment:**

1. Written Exams utilizing photographic presentations of various periodontal diseases and application in a clinical setting.
2. Case-based examinations and classroom discussions.
3. Application of course curriculum to clinical patient treatment

Required text(s), optional text(s) and/or materials to be supplied by the student:

Foundations of Periodontics for the Dental Hygienist, 3rd Edition, Nield-Gehrig, Willmann, Donald E., Lippincott Williams & Wilkins, 2011, 978-1-60547-573-8

Suggested Course Maximum:

28

List any specific or physical requirements beyond a typical classroom required to teach the course.

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**Course Requirements/Grading System:** Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

Scores from exams	60%
Lab Practical and Assignments	10%
Final Exam	20%

A = 100 - 93

B = 92 - 84

C = 83 - 75

D = 74 - 67

F = 66 & below

Student must pass final examination with minimum grade of 75 to pass the course

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
  - Critical Thinking
  - Communication
  - Empirical & Quantitative Skills
  - Teamwork
  - Social Responsibility
  - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist