

**Course Title: DH 270 Periodontology 1****Term: Fall**

Course Objective	Program Learning Outcomes	DH Competencies	Program Goals	College Core Learning Outcomes (CLOs)	Activities or Assignment
1. Describe the anatomy, histology, and clinical characteristics of the tissues of the periodontium.	LO- a-e	C4, C6, HP4, PC 1-4, 6	E-1,2, 5 PC-1-8	Think Apply	Ebook, slideshow, Study questions, quiz
2. Describe, identify, and classify bacteria (microbiology) associated with the periodontal diseases and their characteristics that contribute to their virulence.	LO- a-h	C4, C6, HP4, PC 1-4, 6	E-1,2, 5 PC-1-8	Think Apply	E-Book, Self Quiz, quiz, exam
3. Identify factors and effects of the following on the formation of periodontal disease: calculus, restorations, malocclusion, appliances, missing teeth, mouth breathing, use of tobacco, occlusion and TMJ disorders.	LO- a- h	C4, C6, HP4, PC 1-4, 6	E-1,2, 5 PC-1-8	Think Apply	E-book, quiz, exam *NOTE: these factors are divided up and discussed throughout different topics in DH 270, 271, 221A, and DH I courses
4. Identify the pathogenesis of the gingival diseases and periodontal diseases and their application to the classification of periodontal disease (AAP).	LO- a-h	C4, C6, HP4, PC 1-4, 6-16	E-1,2, 5 PC-1-8	Think Apply	E-Book, exam
5. Compare and contrast the following classes of periodontal diseases and conditions as to demographics, clinical characteristics, and microflora. a. Gingival disease b. Chronic localized and generalized periodontal disease c. Aggressive localized and generalized periodontitis d. Periodontitis as a manifestation of systemic disease e. Abscesses of the periodontium f. Necrotizing periodontal disease g. Periodontitis associated with endodontic lesions h. Development of acquired deformities and conditions	LO- a-h	C4, C6, HP4, PC 1-4, 6-16	E-1,2, 5 PC-1-8	Think Apply	E-Book, exam
6. Analyze clinical assessment information to: a. Describe methods to quantify plaque accumulation, periodontal status, furcation involvement, tooth mobility, root caries, and tooth wear. b. Identify radiographic changes seen in periodontal disease. c. Identify abnormal periodontium and dentition	LO- a-h	C4, C6, HP4, PC 1-4, 6-16	E-1,2, 5 PC-1-8	Think Communicate Apply	E-book, slide show, study questions, self quiz, exam
7. Describe, identify, and evaluate the components of non-surgical periodontal therapy, techniques, short and long term goals, process of healing after	LO- a-hj	C4, C6, HP4, PC 1-4, 6-23	E-1,2, 5 PC-1-8	Think Engage Communicate Apply	Group discussion activity, e-book, exam

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debridement procedures, and the limitations of calculus removal and clinical proficiency required by the dental hygienist.					
8. Describe the steps in motivation of the compliant and non-compliant periodontal patient.	LO- a-j	C4, C6, HP4, PC 1-4, 6-23	E-1,2, 5 PC-1-8	Think Engage Communicate Apply	E-book, slidehow, Group Discussion, quiz, exam
9. Describe the goals, considerations, and phases of treatment planning for dental hygiene therapy.	LO- a-h	C4, C6, HP4, PC 1-4, 6-23	E-1,2, 5 PC-1-8	Think Engage Communicate Apply	E-book, slide show, quiz, exam
10. Describe the informed consent and consultation appointment for the periodontal patient.	LO- a-j	C4, C6, HP4, PC 1-4, 6-23	E-1,2, 5 PC-1-8	Think Engage Create Communicate Apply	E-book, slide show, quiz, exam
11. Identify treatment evaluation and referral methods employed with the periodontal patient.	LO-a-j	C4, C6, HP4, PC 1-4, 6-23	E-1,2, 5 PC-1-8	Think Engage Communicate Apply	E-book, slide show, discussion, quiz, exam
12. Identify and describe periodontal maintenance and referral procedures.	LO- a- j	C4, C6, HP4, PC 1-4, 6-23	E-1,2, 5 PC-1-8	Think Communicate Apply	E-book, slide show, discussion, quiz, exam
13. Describe antibiotic and antimicrobial protocols in the treatment of periodontal disease.	LO-a-h	C4, C6, HP4, PC 1-4, 6-10, 12-16, 18-21	E-1,2, 5 PC-1-8	Think Communicate Apply	E-book, slide show, exam, formative clinic evaluation