

WEST LOS ANGELES COLLEGE

DENTAL HYGIENE DEPARTMENT

- I. DH 108: INTRODUCTION TO PERIODONTICS
- II. PREPARED BY: Carlos Sermeño, RDHAP, BS
- III. REVISED FOR: SPRING 2015
- IV. PREREQUISITE: COMPLETION OF ALL ATTEMPTED DENTAL HYGIENE COURSE WITH A FINAL GRADE OF "C" OR BETTER.
- V. UNITS AND HOURS: 2 UNITS (Total 36 hours of Lectures)
Class Hours: Wednesday 9:15am – 11:25pm (130 minutes per week)
MSA 103
- VI. COURSE INSTRUCTOR: Carlos Sermeño, RDHAP, BS
- Office Hours: Wednesdays 10:00am to 12:00pm
- Email:
*Instructor is not available to reply emails or phone calls during evening hours and weekends.
Office Phone:

VII. COURSE DESCRIPTION:

This course is designed to provide the dental hygiene student with an introduction to periodontics. The periodontium will be presented in health, in disease histologically and clinically. Etiology, prevention, diagnosis and Phase I therapy will be discussed.

VIII. REQUIRED TEXT:

Perry, Beemsterboer, Essex, Periodontology for the Dental Hygienist, Fourth Edition, Elsevier, St Louis, MO 2014 (ISBN # 978-1-4557-0369-2)

Darby and Walsh, Dental Hygiene Theory and Practice, 3rd Ed., Saunders, Philadelphia, 2010.
ISBN 978-1-4160-5357-6

IX. Institutional Student Learning Outcomes (SLOs):

A. Critical Thinking: Analyze problems by differentiating fact from opinions, using evidence, and using sound reasoning to specify multiple solutions and their consequences.

Assessment: Students will demonstrate critical thinking skills through class and group assignments. Students learn how to treatment plan a patient according to criteria medical history, dental history, oral conditions and information gathered through assessments.

H. Ethics: Practice and demonstrate standards of personal and professional integrity, hones and fairness: apply ethical principles in submission of all college work. WEST LOS ANGELES COLLEGE DENTAL HYGIENE DEPARTMENT 2

Assessment: Students will work professionally and ethically during course activities according to state and federal guidelines. The instructor will demonstrate activities and students will apply the activity on each other or on typodont. Class discussions will focus on clinical experience, as well as case study evaluations using proper dental/professional terminology.

X. Program Student Learning Outcomes (SLOs):

Program SLOs #4: Utilize current technology to enhance education, patient care, research and professional growth.

Program SLOs #8: Systematically collect, analyze and record assessment data on the general, oral, periodontal, and psychosocial health status of the child, adolescent, adult, geriatric and special populations using methods consistent with medicolegal principles.

Program SLOs #9: Integrate the principles of behavioral, dental, dental hygiene sciences to assess, formulate, implement and evaluate a comprehensive dental hygiene treatment plan for the patient to attain and maintain optimal oral health based on accurate, consistent and complete assessment data and modify treatment as necessary.

Program SLOs #10: Provide and evaluate dental hygiene services, including preventive procedures and pain control, that are based on current scientific evidence for periodontal class I, II, III, IV, V for the child, adolescent, adult, geriatric medically compromised patients from diverse populations.

Program SLOs #12: Apply problem solving strategies and critical thinking to insure comprehensive oral health care for individuals, groups and communities.

XI. COURSE OBJECTIVES:

As a result of lecture, research and assigned reading material on a written examination the student will:

1. Describe and name all the normal anatomical structures of the periodontium.
2. Describe the normal histological appearance of the periodontium.
3. Discuss the normal physiology of the periodontium.
4. List the tissue changes which occur from normal to pathology.
5. Classify Periodontal Disease and discuss the diagnostic process for the periodontally involved patient.
6. Discuss host-bacterial interactions and host-responses to plaque.
7. Discuss the bacterial flora of the oral cavity and the factors which influence the bacterial ecology.
8. Discuss the nature of the microbiota associated with plaque development and with various forms of periodontal diseases.
9. Discuss the role of local factors in periodontal disease.
10. Discuss the removal of local factors in the treatment of periodontal disease.
11. Discuss the rationale and reasons for pocket elimination.
12. Discuss reattachment: Histological and clinical significance.
13. Discuss the role of the dental hygienist in preventive periodontics.
14. Discuss the role of scaling and root planing in periodontal therapy.
15. Discuss the role of occlusion in periodontics.
16. Discuss the radiographic signs of periodontal involvement of the supporting structures.

AFFECTIVE OBJECTIVES

1. Given conditions of host factors and description of microbial flora, determine the implications for change in local factors and host response.
2. Given a case study, present and develop a treatment plan, discuss the rationale and justify consultations required.
3. Given a case study, compare and contrast baseline data to current patient records.
4. Given slides of periodontal cases, discuss the implications for treatment and case prognosis.

Course SLO:

At the end of the course, the successful student will be able to:

1. Demonstrate critical thinking skills for treatment planning a patient according to medical history, dental history, oral conditions and information gathered through assessments through class and group assignments.
2. Work professionally and ethically during course activities according to state and federal guidelines.

SLO Assessment Methods:

- Students will present a clinical patient’s case that will be evaluated through a grading rubric.
- Students will answer discussion and quiz questions that will be assessed by the instructor according to an answer key.

SLO Criterion Level:

- At least 80% of students will achieve at least 75% of the points according to the grading rubric.
- At least 80% of students will answer at least 70% of the quiz questions correctly.

XII. METHODS OF INSTRUCTION:

Lecture, Discussion, Presentation, videos, research, Quizzes

XIII. METHODS OF EVALUATION (NO EXTRA CREDIT ACTIVITY WILL BE OFFERED DURING OR AT THE END OF SEMESTER):

1. Written Midterm Exam30%

Students must be aware that not passing the Midterm exam with a grade C (70%) or better, it may compromise passing the course at the end of the semester. Student obtaining a grade lower than 70% will need to meet with instructor and provide a study plan for the rest of semester.

2. Written Final Exam.....40%

Students must pass this written final examination with a C (70%) or better to pass this course and continue to be in the dental hygiene program.

3. 4 Quizzes15%

Quiz will be given at the beginning of the class session. **There will not be any make-up quizzes** (no excuses). The questions for the quiz are from the materials presented from previous weeks. This will ensure your attainment of your knowledge and preparation for the future exams. All quizzes are 5 points each.

4. Written Documents of RAP project *15% (Due 5/29/15)

Rap project will be evaluated as part of this periodontology course. The focus will be on the periodontal aspect such as assessment, treatment plan, outcome summary, etc. Please turn in entire exact copies of RAP project for this class (digital copy, Word Document).

COURSE LETTER GRADE WILL BE BASED ON THE FOLLOWING SCALE:

- 90 - 100% = A
- 80 - 89% = B
- 70 - 79% = C
- 60 - 69% = F

A grade lower than a 70% is a non-passing grade, and constitutes failing this course. A minimum grade of "C" is required to continue in the Dental Hygiene Program and earn Associate Degree in Dental Hygiene at West Los Angeles College.

XIV. CLASS POLICIES AND PROCEDURES:

- Attendance is required at all sessions.
- Tardiness and Unexcused absences will be handled in accordance with the West Los Angeles College's Attendance Policy. (More than two hours of tardiness or unexcused absence may cause withdrawal from the dental hygiene program.)
- The classroom is a no-phone zone for more effective learning for everyone concerned. Texting during class will NOT be tolerated. Cell phones need to be turned OFF.
- Any disruptive behavior may result in the exclusion from the class.
- Graded examination and quiz will be returned in up to two weeks after all students have taken them.
- Quizzes, mid-term and final examinations are the property of the instructor.
- Copying questions and answers from exam is an act of cheating. If academic dishonesty is suspected, the student will be reported to the Vice President of Student Service.
- Examination items are from the texts and lecture materials, assigned articles and handouts. Read all assigned materials as they represent the most current research materials and will be included in the examinations.
- Plagiarism is an act of cheating. Please use references for any ideas, words, sentences, phrases, and paragraphs that you borrowed from other source.
- Please make use of office hours. Your instructor is available for the discussion of all course materials during office hours and/or by appointment.
- Special Instructional Accommodation: If there are special accommodations that you require to be successful in this course, please discuss your situation with the professor. To receive accommodations for a special need or disability, students must register with the Office of Disabled Student Program and Services, HLRC. Tape recording of lectures and discussions will not be permitted without the consent of the instructor.

XV. COURSE CONTENT OUTLINE

**DH 108 INTRODUCTION TO PERIODONTICS
TENTATIVE LECTURE SCHEDULE – SPRING 2015**

NOTE: Schedule subject to change. Students are responsible for all the announcement and materials covered during the class.	LECTURE TOPIC	PRE-CLASS READING ASSIGNMENTS
2/09/15	Course Overview Introduction to Course Anatomy of the Periodontal Structure	Perry Chapter 2
2/16/15	President's Day	
2/23/15	Clinical Process of Care for the Patient with Periodontal disease Classification of Diseases Gingival diseases	ADHA – Standards for Clinical Dental Hygiene Practice Darby:

	<p>Periodontitis Periodontal disease epidemiology AAP classification Radiographic Assessment</p>	<p>Chapter 19, 20 Ann Periodontology (AAP) – Development of a Classification System for Periodontal Disease and Conditions Darby Chapter 17 Perry Chapter 6, 7, 8</p>
3/02/15	<p>Quiz 1 Etiology of Periodontal Disease Dental Biofilm Bacteria Host Response Periodontal pathogenesis</p>	<p>Perry Chapter 2, 3, 4</p>
3/09/15	<p>Local Contributory Factors Scaling & Root Planing Ultrasonic Instrumentation</p>	<p>Perry: Chapter 5, 13 and 17 Darby: Chapter 25</p>
3/16/15	<p>Quiz 2 Oral-Systemic Disease Connection Advances in periodontal disease assessment</p>	<p>Perry: Chapter 9 Darby: Chapters 18</p>
3/23/15	<p>Curettage Advanced Non-surgical Instrumentation</p>	<p>Perry: Chapter 19 You tube video by Kamibayashi *Bring pole, typodont, and instruments</p>
3/30/15	<p>Midterm Exam</p>	<p>All the readings above</p>
4/6-10/15	<p>SPRING BREAK</p>	
4/13/15	<p>Periodontal Emergencies Abscesses of the Periodontium Case studies and discussion</p>	<p>Perry: Chapter 16 Darby: Chapter 17 and 30</p>
4/20/15	<p>Diagnosis, Prognosis and Treatment plan</p>	
4/27/15	<p>Quiz 3 Irrigation, Systemic and Local drug delivery of</p>	<p>Perry: Chapter 7 and 13 Darby: Chapter 29</p>

	antibiotics, enzyme suppression therapy.	
5/4/15	Occlusal Evaluation Case Studies and Discussion	Perry: Chapter 11 Darby: Chapters 30
5/11/15	Implantology Case Studies and Discussion	Perry: Chapter 15 Darby: Chapter 57
5/18/15 4:15pm-5:25pm	Quiz 4 Healing after non-surgical periodontal therapy Periodontal Maintenance therapy Case Studies and Discussion	Perry: Chapter 17 and 18
5/25/15	Memorial Day	
5/29/15	Written Documents of Risk Assessment Project Due	
Final's Week 6/01 – 05/2015	CUMULATIVE FINAL EXAM	All the reading assignments

COLLEGE POLICIES AND STANDARDS

Professional Conduct in Our Classroom Community

The West LA College faculty, staff and administrators are dedicated to maintaining an optimal learning environment and will not tolerate any disruptive behavior in or outside of the classroom or any academic dishonesty. These standards apply to all students.

Attendance

Students are expected to attend all classes for which they are registered, to be prompt and to remain in class/lab for the entire time. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from the class. Instructors may drop a student from a class whenever a student is absent more hours than the number of hours the class meets per week. Withdrawal from class can affect eligibility for federal financial aid.

Dropping a Class

Student wanting to drop a class should drop online at www.wlac.edu, click "For Students," then "Student Information System." Students who stop attending a class are responsible for withdrawing from the class to prevent being issued a failing "F" grade in the class.

Special Instructional Accommodation

If there are special accommodations that you require to be successful in this course, please discuss your situation with the professor. To receive accommodations for a special need or disability, students must

register with the Office of Disabled Student Program and Services, HLRC. Tape recording of lectures and discussions will not be permitted without the consent of the instructor.

Academic Integrity

Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. When there is evidence of cheating or plagiarism in classroom work, the instructor may assign a failing grade, "F," or zero points to the examination or assignment in which the alleged cheating or plagiarism occurred. Before a substandard grade is issued the instructor will provide the student with supporting documentation of the plagiarism or cheating charge. Instructors have the authority to use plagiarism detecting instruments such as "Turn It In" to detect academic dishonesty.

Forms of Behavior which Violate Academic Integrity

- Cheating. Using any materials or devices or strategies which provide undue advantage on any exam, assignment, activity or other method of assessment for a course. This includes, but is not limited to, looking at another student's exam, using phones or other communication systems to text message during exams, taking pictures or images of exams, talking with others during exams, using Internet to find information, or any other system of inappropriate "help." Exams are to be measures of what YOU, as an individual, have learned.
- Collaboration. Working together on projects, papers, exams or other forms of assessment which are to be completed individually.
- Plagiarism. Taking anyone else's work as one's own. Presenting another's words, ideas, forms of expression, materials, or labor without proper citation, referencing, and declaration that this material originated outside the student's own work.

For assistance with classroom projects, papers and assignments, please visit the Learning Skills Center, HLRC.

Standard of Student Conduct

Faculty members are charged with responsibility for building and maintaining a classroom atmosphere conducive to learning. Disruptive, disrespectful, or obstructive behavior will be dealt with in terms specific to this syllabus and in accordance with the LACCD Standard of Student Conduct. Select forms of disciplinary action appropriate to the misconduct may be taken by an instructor when there is evidence that the student's behavior interferes with classroom instruction.

The following types of disciplinary action may be taken by an instructor:

1. Warning- A verbal or written notice, given to the student by an instructor. Continuation or repetition of the specified conduct may be cause for further disciplinary action.
2. Removal by Instructor - An instructor may remove (suspend) a student from his or her class for the day of the incident and the next class meeting. During this period of removal, the student shall not return to the class from which he or she was removed without the permission of the instructor of the class.

Students may refer to the College Catalog or the online student orientation at www.wlac.edu; select the "Counseling, Assessment and Orientation" tab, then scroll down to "Orientation" for complete details regarding the aforementioned policies.

Cell Phone and Other Communication Devices

If you bring your cell-phone to class, laboratory, or clinical rotation, be sure to have it in a mode where it will not ring and disturb others. If you have to answer an emergency phone call, please step out of the classroom/clinic. Devices of this type should be placed on vibrate and never visible during class time.

Texting in class IS STRICTLY PROHIBITED. In addition, during lecture presentation **DO NOT:** SURF THE INTERNET, ACCESS SOCIAL MEDIA, EMAIL, WATCH VIDEOS, or PLAY MUSIC.

If a Student is involved on ANY of the activities mentioned before, She or He will be asked to leave the classroom, and directed to the Program Director and/or to the Dean of Academic Affairs.

Use of Social Media

- The student is held accountable for maintaining the privacy of any information obtained, seen, or is given during clinical rotations
- The student should make every effort to present himself/herself in a mature, responsible, and professional manner.
- Confidential information of patients, patient family members, visitors, dentist, dental students, facility staff, faculty, college staff, fellow students, and class or clinical situations should never be discussed in any form online.
- The Health Insurance Portability and Accountability Act (HIPPA) guidelines are to be upheld at all times.
- Personal information and photos with students, faculty, staff, and clinical sites may only be posted **with verbal and/or written permission** from **all** individuals involved.
- Students should avoid using names and never post photographs of patients or staff without authorization.
- **The posting of unauthorized pictures, videos, course materials, quizzes/tests or plagiarizing online information is prohibited.**
- Harassing, threatening, belittling photos, e-mails, or videos that are demeaning, insulting or discriminating against anyone are not to be posted – any of these actions must be reported with a screen-shot to the Program and/or Course Director.
- Display of language or photographs that imply disrespect for any individual or group because of age, race, gender, ethnicity, or sexual identity is prohibited.
- Texting, e-mail, and social networking, are not to be performed during class or clinical hours.
- On-campus computers or wi-fi network must not be used for illegal purposes
- Students may not use social media to communicate information to faculty. To contact faculty member, student **MUST** use communication method specified by faculty member
- Maintain professional boundaries in the use of electronic media.

Classroom and Campus Cleanliness

Please help us keep the classroom and campus grounds clean. No food or beverages, except for water, is permitted inside instructional classrooms /labs. Please use the receptacles to dispose of trash.