Course Information

Course Number: DDHS 4610
Course Title: Periodontics
Time: 8AM, Tuesdays
Location: Room 310- COD Main Building
Credit Hours: 1

Instructor Details

Instructor/Course Director: Celeste M. Abraham, BS, DDS, MS
Office: Room 142, Main Building
Phone: 214-828-8467
E-Mail: celeste-abraham@tamu.edu
Office Hours: Please email to set an appointment. I will respond to your email within 24-48 hours.

Course Description

This course presents the characteristics, etiology and treatment of inflammatory diseases of the supporting tissues of the teeth and their substitutes. Emphasis is placed on the relationship of periodontics to the practice of dental hygiene.

Course Prerequisites

Completion of third year courses in dental hygiene

Course Objectives

To provide the graduating dental hygienist with an understanding of the following aspects of periodontics:

1. The etiology and pathogenesis of acute and chronic periodontal diseases.
2. The interrelationship of periodontal and systemic diseases.
3. The principles of periodontal therapy.
4. The indications, contraindications and application of current periodontal surgical procedures.

Course Related Competencies

III.6.1 Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment.

III.6.2 Perform an extraoral and intraoral examination of the patient including assessment of vital signs and radiographic examination and distinguish normal from abnormal findings.
III.6.3 Manage the patient at risk for a medical emergency and be prepared to handle the emergency should it occur during an appointment.

III.6.4 Recognize predisposing, etiologic risk factors, and lifestyle choices that may require intervention to prevent disease.

III.6.5 Analyze and interpret the assessment data to formulate a dental hygiene diagnosis related to and congruent with the diagnosis of the dentist and other health professionals.

III.6.6 Determine the need for referral to the appropriate health professional.

III.7.1 Determine priorities and establish oral health goals with the patient/family and/or guardian as an active participant.

III.8.1 Provide an environment conducive to health by using accepted infection control procedures.

III.8.2 Control pain and anxiety during treatment through the use of accepted clinical techniques and appropriate behavioral management strategies.

III.8.3 Select and administer the appropriate preventive and/or antimicrobial (chemotherapeutic) agents and provide pre- and post-treatment instructions.

Textbook


Grading Policy

Lectures and examinations will be held in Room 310 on Tuesday mornings from 8:00AM-8:50AM.

Three exams will be given during the course of the semester. Each exam will be worth 33.3% of the final grade. The final grade will come from the average of the three exams.

Missed examinations will have to be made up in a timely manner at the convenience of the course director. The makeup exam for the missed exam may consist of a multiple-choice exam, an oral exam and/or essay exam. Any questions about grades on examinations must be presented to the course director within one week of the posting of the grades.

Grading Scale:

A=90-100 %
B=80-89 %
C=75-79 %
F= <75%
## Course Schedule

### COURSE OUTLINE

<table>
<thead>
<tr>
<th>Date</th>
<th>Session Title/Topic</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>8-17-21</td>
<td>The Periodontium: Structures/Microscopic Anatomy/Overview of Diseases: Chapters 1, 2, 3</td>
<td>Dr. Abraham</td>
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<tr>
<td>8-24-21</td>
<td>Etiologic Factors: Risk for Periodontal Disease: Chapter 12</td>
<td>Dr. Abraham</td>
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<tr>
<td>8-31-21</td>
<td>Acute Periodontal Conditions: Chapter 30</td>
<td>Dr. Abraham</td>
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<tr>
<td>9-7-21</td>
<td>Gingival Diseases/Periodontitis as a Manifestation of Systemic Diseases: Chapters 6,8,16,34</td>
<td>Dr. Foyle</td>
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<tr>
<td>9-14-21</td>
<td>Radiographic analysis: Chapter 21</td>
<td>Dr. Foyle</td>
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<tr>
<td>9-21-21</td>
<td>Biofilms, Immunity, Host response: Chapters 13, 14, 15, 28</td>
<td>Dr. Parra</td>
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<tr>
<td>9-28-21</td>
<td>Exam 1 (covers all lectures from 8-17 to 9-21)</td>
<td>Dr. Abraham</td>
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<tr>
<td>10-5-21</td>
<td>Chemical Agents in Periodontal Care: Chapter 27</td>
<td>Dr. Abraham</td>
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<tr>
<td>10-12-21</td>
<td>Nonsurgical Periodontal therapy: Chapters 24, 25</td>
<td>Dr. Parra</td>
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<tr>
<td>10-19-21</td>
<td>Systemic Factors/Nutrition, Inflammation and Periodontal Disease Factors: Chapter 18,19</td>
<td>Dr. Abraham</td>
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<tr>
<td>10-26-21</td>
<td>Local Factors: Occlusion: Chapter 17</td>
<td>Dr. Harrel</td>
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<tr>
<td>11-2-21</td>
<td>Exam 2(Covers all lectures from 10-5 to 10-26)</td>
<td>Dr. Abraham</td>
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<tr>
<td>11-9-21</td>
<td>Periodontal Surgical Concepts: Chapter 29</td>
<td>Dr. Foyle</td>
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<tr>
<td>11-16-21</td>
<td>Supragingival and Subgingival Irrigation: Chapters 26</td>
<td>Dr. Parra</td>
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<tr>
<td>11-23-21</td>
<td>No Class- Thanksgiving Break</td>
<td>N/A</td>
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<tr>
<td>11-30-21</td>
<td>Bisphosphonates: Chapters 16, 28</td>
<td>Dr. Parra</td>
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<tr>
<td>12-7-21</td>
<td>Periodontal Maintenance of Dental Implants: Chapter 9</td>
<td>Dr. Rossmann</td>
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<tr>
<td>12-14-21</td>
<td>Exam 3(covers all lectures from 11-9 to 12-7)</td>
<td>Dr. Abraham</td>
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### Technology Support

Students are responsible for maintaining their devices and ensuring that they are in proper working order throughout the semester. This includes maintaining access to the college wireless network, access to all accounts (both TAMU and TAMU Health), and keeping passwords up to date. Students are expected to keep their devices up-to-date in regards to patches and OS updates.

**Division of IT**
If the student experiences issues with an electronic device, Wi-Fi access, Axium, Zoom, or user accounts, their first point of contact should be the Division of IT Central Help Desk or the local Division of IT at COD. The Central Helpdesk provides 24-hour support.

**Division of IT Central Help Desk**
Website: [https://it.tamu.edu/help/](https://it.tamu.edu/help/)
Phone: 1-979-845-8300
Email: helpdesk@tamu.edu
COD Local Division of IT Office
Room: 529
Phone: 214-828-8248

COD Instructional Design Team
For electronic exam support or problems concerning other academic technology, such as the LMS (Blackboard or Canvas), Exam Soft, or Examplify, students should contact the Instructional Design team.
Room: 516 through Academic Affairs
Carmina Castro - ccastro@tamu.edu (214-828-8316)
Jeff Lowry - lowryj1@tamu.edu (214-828-8243)

University Policies

Attendance Policy

The university views class attendance and participation as an individual student responsibility. Students are expected to attend class and to complete all assignments.

Please refer to Student Rule 7 in its entirety for information about excused absences, including definitions, and related documentation and timelines.

Makeup Work Policy

Students will be excused from attending class on the day of a graded activity or when attendance contributes to a student’s grade, for the reasons stated in Student Rule 7, or other reason deemed appropriate by the instructor.

Please refer to Student Rule 7 in its entirety for information about makeup work, including definitions, and related documentation and timelines.

Absences related to Title IX of the Education Amendments of 1972 may necessitate a period of more than 30 days for make-up work, and the timeframe for make-up work should be agreed upon by the student and instructor” (Student Rule 7, Section 7.4.1).

“The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unexcused absence” (Student Rule 7, Section 7.4.2).

Students who request an excused absence are expected to uphold the Aggie Honor Code and Student Conduct Code. (See Student Rule 24.)

Academic Integrity Statement and Policy

“An Aggie does not lie, cheat or steal, or tolerate those who do.”
“Texas A&M University students are responsible for authenticating all work submitted to an instructor. If asked, students must be able to produce proof that the item submitted is indeed the work of that student. Students must keep appropriate records at all times. The inability to authenticate one’s work, should the instructor request it, may be sufficient grounds to initiate an academic misconduct case” (Section 20.1.2.3, Student Rule 20).

You can learn more about the Aggie Honor System Office Rules and Procedures, academic integrity, and your rights and responsibilities at aggiehonor.tamu.edu.

Americans with Disabilities Act (ADA) Policy

Texas A&M University is committed to providing equitable access to learning opportunities for all students. If you experience barriers to your education due to a disability or think you may have a disability, please contact the Office for Academic Affairs in the Administration Building, Room 514 or at 214-828-8978 or bramsey@tamu.edu. Disabilities may include, but are not limited to attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability related needs with Disability Resources and their instructors as soon as possible.

Title IX and Statement on Limits to Confidentiality

Texas A&M University is committed to fostering a learning environment that is safe and productive for all. University policies and federal and state laws prohibit gender-based discrimination and sexual harassment, including sexual assault, sexual exploitation, domestic violence, dating violence, and stalking.

With the exception of some medical and mental health providers, all university employees (including full and part-time faculty, staff, paid graduate assistants, student workers, etc.) are Mandatory Reporters and must report to the Title IX Office if the employee experiences, observes, or becomes aware of an incident that meets the following conditions (see University Rule 08.01.01.M1):

- The incident is reasonably believed to be discrimination or harassment.
- The incident is alleged to have been committed by or against a person who, at the time of the incident, was (1) a student enrolled at the University or (2) an employee of the University.

Mandatory Reporters must file a report regardless of how the information comes to their attention – including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Although Mandatory Reporters must file a report, in most instances, a person who is subjected to the alleged conduct will be able to control how the report is handled, including whether or not to pursue a formal investigation. The University’s goal is to make sure you are aware of the range of options available to you and to ensure access to the resources you need.

Students wishing to discuss concerns in a confidential setting are encouraged to make an appointment with Counseling and Psychological Services (CAPS).
Students can learn more about filing a report, accessing supportive resources, and navigating the Title IX investigation and resolution process on the University’s Title IX webpage.

Statement on Mental Health and Wellness

Texas A&M University recognizes that mental health and wellness are critical factors that influence a student’s academic success and overall wellbeing. Students are encouraged to engage in healthy self-care by utilizing the resources and services available from Counseling & Psychological Services (CAPS). Students who need someone to talk to can call the TAMU Helpline (979-845-2700) from 4:00 p.m. to 8:00 a.m. weekdays and 24 hours on weekends. 24-hour emergency help is also available through the National Suicide Prevention Hotline (800-273-8255) or at suicidepreventionlifeline.org.