

## Course Information

Course Number: DDHS 4610  
Course Title: Periodontics  
Section: Fall 2024  
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 using 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

*Foundations of Periodontics for the Dental Hygienist, 5<sup>th</sup> Edition.* Gehrig, Shin, Willmann, 2019.

## 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 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 to 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.

All exams are required to be completed to receive credit for the course. Nothing listed below is optional.

### Grading Scale:

A 90-100 %

B 80-89 %

C 75-79 %

D 70-74 %

F below 70 %

## Course Schedule

### COURSE OUTLINE

Date	Session Title/Topic	Instructor
8-13-24	The Periodontium: Structures/Microscopic Anatomy/Overview of Diseases: Chapters 1, 2, 3	Dr. Abraham
8-20-24	Etiologic Factors: Risk for Periodontal Disease: Chapter 10	Dr. Abraham
8-27-24	Acute Periodontal Conditions: Chapter 9	Dr. Abraham
9-3-24	Gingival Diseases/Periodontitis as a Manifestation of Systemic Diseases: Chapters 5, 14	Dr. Abraham
9-10-24	Biofilms, Immunity, Host response: Chapters 11-13, 15, 29	Dr. Parra
9-17-24	Radiographic analysis: Chapter 20, 38	Dr. Wang
9-24-24	<b>Exam 1(covers all lectures from 8-13 to 9-17)</b>	Dr. Abraham
10-1-24	Systemic Factors/Nutrition, Inflammation and Periodontal Disease Factors: Chapter 17, 18	Dr. Abraham
10-8-24	Nonsurgical Periodontal therapy: Chapters 25, 26	Dr. Wang
10-15-24	Local Factors: Occlusion: Chapter 16	Dr. Harrel
10-22-24	Chemical Agents in Periodontal Care: Chapter 28	Dr. Hegde
10-29-24	Periodontal Surgical Concepts: Chapter 30	Dr. Wang
11-5-24	<b>Exam 2(Covers all lectures from 10-1 to 10-29)</b>	Dr. Abraham
11-12-24	Supragingival and Subgingival Irrigation: Chapters 27	Dr. Hegde
11-19-24	Bisphosphonates: Chapters 10, 14	Dr. Chang
11-26-24	<b>No Class- Thanksgiving Break</b>	N/A
12-3-24	Periodontal Maintenance of Dental Implants: Chapter 8, 31	Dr. Hegde
12-10-24	<b>Exam 3(covers all lectures from 11-12 to 12-3)</b>	Dr. Abraham

### *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 regarding patches and OS updates.

#### Division of IT

If the student experiences issues with an electronic device, Wi-Fi access, Axiom, 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/>

Phone: 1-979-845-8300  
Email: [helpdesk@tamu.edu](mailto: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 Exemplify, students should contact the Instructional Design team.  
Room: 516 through Academic Affairs  
Carmina Castro - [ccastro@tamu.edu](mailto:ccastro@tamu.edu) (214-828-8316)  
Jeff Lowry - [lowryj1@tamu.edu](mailto: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.

For any absences (excused or unexcused), it will be the student's responsibility to contact the Office of Student Affairs (OSA) by sending an email to [Sod-attendance@tamu.edu](mailto:Sod-attendance@tamu.edu) prior to the start of class session. The OSA will decide if your absence is excused or unexcused. Make sure to provide your name, class level, the date(s) of absence and reason for your absence, the names of the instructors that need to be notified. If documentation is requested, it must be from a medical provider on letterhead with the provider's signature and be submitted within 3 business days of returning to school. Please refer to <https://student-rules.tamu.edu/rule07/>

### Excused Absences

**Illnesses or emergencies:** It is understood that absences due to severe or contagious illness, injuries or emergencies may occur. An absence due to illness may require a medical confirmation note from a student's medical provider. For injuries or illnesses that require a student to be absent from class for three or more business days, a note from his or her medical provider is mandatory. If a student has frequented sick days, the program director may require a medical provider's note for each absence.

**Note:** An absence from a non-acute medical service does not constitute an excused absence.

**Religious holy day:** A student whose absence is excused under, or the observance of religious holy day will be allowed to take an examination or complete an assignment from which the student is excused within 3 days after the absence. **If the student fails to schedule and complete the exam or assignment within three days, a grade of zero will be given.**

### Unexcused Absences

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Tardiness and non-emergent appointments (illnesses not considered severe or contagious) scheduled during class time will be considered as an unexcused absence. Quizzes and exams start at the beginning of class time. Students who arrive late will not receive extra time to take the quiz/exam. Since classroom learning applies directly to patient care, sleeping in class is considered an unexcused absence and is subject to the remediation policy. **Students with unexcused absences or late arrivals will have TWO points deducted from their final course grade. No make-up quiz/test will be given** if an absence is unexcused on a test day. Examinations will not be administered in advance for a planned/anticipated unexcused absence.

### General Information

For any absences (excused or unexcused), it will be the student's responsibility to review the lecture recordings for the class(es) missed. Additionally, the student must complete a make-up assignment(s) within 10 calendar days (including weekends) after returning to school. The make-up assignment will require the student to thoroughly answer the learning objectives for the class session(s) and define any listed terminology. The assignment must demonstrate the student has listened to the recording(s) and read the assigned reading. Make-up assignments must be typed or handwritten (legibly), contain the title of the missed class session(s) and be sent via email within the 10-calendar-day deadline. **Failure to complete the make-up assignment(s) within this time will result in TWO points being deducted from student's final grade.**

### 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.

The designation of excused or unexcused absence will be determined on an individual basis by the Office of Student Affairs. For any absences (excused or unexcused), it will be the student's responsibility to review the lecture recordings for the class(es) missed. Additionally, the student must complete any make-up assignment(s) within 10 calendar days (including weekends) after returning to school. **Failure to complete the make-up assignment(s) within this period will result in TWO points being deducted from student's final grade.**

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 always keep appropriate records. 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](http://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](mailto: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 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](https://suicidepreventionlifeline.org).