Course Information

Course Number: DDHS 3410  
Course Title: Introduction to Pathology  
Section: 
Time: Spring 2021; Tuesday  8 am - 9 am; Wednesday 8 am - 10 am  
Location: Remote and in-person, asynchronous and blended synchronous  
Credit Hours: 1 hour  

Instructor Details

Instructor: Mohammed Mansour  
Office: 
Phone: 469-230-7338  
E-Mail: mmansour@tamu.edu  
Office Hours: TBD  

Course Description

Introduction to Pathology is primarily a didactic lecture oriented course. Although clinically oriented, it is designed to provide a base of knowledge about pathologic processes and specific disease entities. Emphasis is on concepts and vocabulary essential to understanding basic pathologic processes; systemic pathology of organ systems and tissues; clinical manifestations that result from biological cellular alterations.

The major objective of this course is to provide students with an overview of pathology of the major organ systems, how systemic pathology may affect treatment and oral manifestations of systemic diseases.

At the completion of Introduction to Pathology (DDHS 3410) the student should be able to:

1. Be familiar with the pathology of the major organ systems.
2. Demonstrate correct usage of the terminology used in pathology.
3. Recognize the various basic pathologic processes that affect cells and tissues as a result of their genetic makeup or the environment.
4. Know the oral manifestations of systemic disease.
5. Recognize pathologic changes in tissues.
6. Appreciate how various systemic diseases and their treatment affect the delivery of dental hygiene services.

Course Prerequisites

None
Course Syllabus

Special Course Designation

None

Course Learning Outcomes

1. Apply critical thinking skills and evidence based decision making to the practice of dental hygiene.
2. Communicate effectively with diverse populations without discrimination.
3. Promote positive values of overall health and wellness to the public and organizations within and outside of dentistry.
4. Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment.
5. Perform an extraoral and intraoral examination of the patient including assessment of vital signs and radiographic examination, and distinguish normal from abnormal findings.
6. Recognize predisposing, etiologic risk factors, and life style choices that may require intervention to prevent disease.
7. Determine the need for referral to the appropriate health professional.

Textbook and/or Resource Materials

Handouts and/or PowerPoint lectures will be supplied by the department on Blackboard. In general the material will follow the Robbins and Cotran Pathologic Basis of Disease, 9th ed, 2015 but the text is not required.

Grading Policy

There will be four segmental (non-comprehensive) examinations each of which will cover the lecture and reading assignments immediately preceding the exam. These exams are weighted equally and each comprises one fourth of the final course grade. Students must achieve an average of 70 or better to pass the course. Students missing an examination are requested to contact the department as soon as possible. If the reason for missing the exam is acceptable, re-examinations are given and may be an objective, essay or oral exam. ** Exams will be administered online in accordance with TAMU, TAMU COD, and COVID-19-related directives. **

Grading Scale

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
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<tr>
<td>80-89%</td>
<td>B</td>
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<tr>
<td>75-79%</td>
<td>C</td>
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<tr>
<td>70-74%</td>
<td>D</td>
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<tr>
<td>&lt;70%</td>
<td>F</td>
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Remediation Policy

Students who earn an F final grade may remediate the deficiency, if given the opportunity by the Student Promotions Committee. The remediation course is offered in the summer session and is self-paced, self-study with faculty consultation. There will be periodic written testing.

Attendance Policy

In accordance with TAMU, TAMU COD, and COVID-19 directives, students will not be required to attend this course or perform in-person duties associated with this course.

In the spirit of professionalism and individual responsibility, the department will not require or enforce mandatory attendance. We feel that learning is a joint responsibility, shared equally among the faculty of the department and the students. The understanding of pathology is facilitated significantly by routine class attendance, particularly in regard to illustrative material. If attendance consistently falls below acceptable levels, the department reserves the right to record attendance periodically and reward students in attendance.

Please refer to Student Rule 7 for more information on excused absences.
https://student-rules.tamu.edu/rule07/
## Course Schedule

**COURSE OUTLINE 3410**  
Tue 8-9 am & Wed 8-10 am

<table>
<thead>
<tr>
<th>Date</th>
<th>Session Title/Topic</th>
<th>Instructor(s) L. Name</th>
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<tbody>
<tr>
<td>03/23/2021</td>
<td>Cell Injury</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<tr>
<td>03/24/2021</td>
<td>Inflammation and Repair</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
<td>Hemodynamic Disorders</td>
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<tr>
<td>03/30/2021</td>
<td>Diseases of the Immune System</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<tr>
<td>03/31/2021</td>
<td>EXAM I</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
<td>Neoplasia</td>
<td>Dr. Mansour</td>
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<tr>
<td>04/06/2021</td>
<td>Principles of infectious disease</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<tr>
<td>04/07/2021</td>
<td>The Heart and Blood Vessels</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
<td>The Lungs</td>
<td>Dr. Mansour</td>
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<tr>
<td>04/13/2021</td>
<td>The Hematopoietic and Lymphoid System</td>
<td>Dr. Mansour</td>
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<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<td>04/14/2021</td>
<td>EXAM II</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
<td>The Kidneys</td>
<td>Dr. Mansour</td>
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<tr>
<td>04/20/2021</td>
<td>The Alimentary Tract</td>
<td>Dr. Mansour</td>
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<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<tr>
<td>04/21/2021</td>
<td>The Male Genital System</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
<td>The Female Genital System and Breast</td>
<td>Dr. Mansour</td>
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<tr>
<td>04/27/2021</td>
<td>EXAM III</td>
<td>Dr. Mansour</td>
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<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<tr>
<td>04/28/2021</td>
<td>The Endocrine System</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
<td>The Musculoskeletal System</td>
<td>Dr. Mansour</td>
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<tr>
<td>05/04/2021</td>
<td>The Skin and Nervous System</td>
<td>Dr. Mansour</td>
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<td>8 am - 9 am (A, Z, Q&amp;A)</td>
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<tr>
<td>05/12/2021</td>
<td>EXAM IV</td>
<td>Dr. Mansour</td>
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<tr>
<td>8 am - 10 am (A, Z, Q&amp;A)</td>
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**Topics and subtopics subject to change**

**A = asynchronous (prerecording); Z = Zoom, synchronous; IP = in-person, synchronous; A, Z Q&A = prerecording combined with synchronous Zoom question and answer**

## University Policies

*This section outlines the university level policies that must be included in each course syllabus. The TAMU Faculty Senate established the wording of these 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

“As 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 Disability Resources in the Student Services Building or at (979) 845-1637 or visit disability.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.

COVID-19 Temporary Addendum to Minimum Syllabus Requirements

The Faculty Senate temporarily added the following statements to the minimum syllabus requirements in Spring 2021 as part of the university’s COVID-19 response.

Campus Safety Measures

To promote public safety and protect students, faculty, and staff during the coronavirus pandemic, Texas A&M University has adopted policies and practices for the Spring 2021 academic term to limit virus transmission. Students must observe the following practices while participating in face-to-face courses and course-related activities (office hours, help sessions, transitioning to and between classes, study spaces, academic services, etc.):

- **Self-monitoring**—Students should follow CDC recommendations for self-monitoring. **Students who have a fever or exhibit symptoms of COVID-19 should participate in class remotely if that option is available, and should not participate in face-to-face instruction.**
- **Face Coverings**—**Face coverings** (cloth face covering, surgical mask, etc.) must be properly worn in all non-private spaces including classrooms, teaching laboratories, common spaces such as lobbies and hallways, public study spaces, libraries, academic resource and support offices, and outdoor spaces where 6 feet of physical distancing is difficult to reliably maintain. Description of face coverings and additional guidance are provided in the Face Covering policy and Frequently Asked Questions (FAQ) available on the Provost website.
- **Physical Distancing**—Physical distancing must be maintained between students, instructors, and others in course and course-related activities.
- **Classroom Ingress/Egress**—Students must follow marked pathways for entering and exiting classrooms and other teaching spaces. Leave classrooms promptly after course activities have concluded. Do not congregate in hallways and maintain 6-foot physical distancing when waiting to enter classrooms and other instructional spaces.
- **To attend a face-to-face class, students must properly wear an approved face covering** If a student refuses to wear a face covering, the instructor should ask the student to leave and join the class remotely. If the student does not leave the class, the faculty member should report that student to the Student Conduct office for sanctions. Additionally, the faculty member may choose to teach that day’s class remotely for all students, or dismiss the class in the case of a traditional face to face lecture.

Personal Illness and Quarantine

Students required to quarantine must participate in courses and course-related activities remotely, if that option is available, and **must not attend face-to-face course activities.** Students should notify their instructors of the quarantine requirement. Students under quarantine are expected to participate in courses and complete graded work unless they have symptoms that are too severe to participate in course activities.
Students experiencing personal injury or illness that is too severe for the student to attend class qualify for an excused absence (See Student Rule 7, Section 7.2.2.) To receive an excused absence, students must comply with the documentation and notification guidelines outlined in Student Rule 7.

College and Department Policies

College and departmental units may establish their own policies and minimum syllabus requirements. As long as these policies and requirements do not contradict the university level requirements, colleges and departments can add them in this section.