Texas A&M University College of Dentistry

Introduction to Pathology DDHS 3410

Course Number and Name: DDHS 3410 Introduction to Pathology

Course Type: Lecture

Academic Year/Semester Offered: 2017-2018 __ Fall ___ Spring ___ Summer Session

Course Director(s):
John M. Wright, DDS, MS
Diagnostic Sciences
214-828-8118
Room 225
8:00 a.m. – 5:00 p.m.

Other Participating Faculty:
Dr. Mohammad Mansour DMD, MS
Dr. Lisa Cheng DDS, PhD
Dr. Paras Patel DDS,
Dr. Hua Zhang MD, MS, PhD

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 process; systemic pathology of organ systems and tissues; clinical manifestations that result from biological cellular alterations.

Course Objectives:
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 #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.

Lecture Objectives for each lecture are contained in the Course Manual.
Learning Outcomes/ Related Competencies:
2.1 Apply critical thinking skills and evidence based decision making to the practice of dental hygiene
2.3 Communicate effectively with diverse populations without discrimination.
4.1 Promote positive values of overall health and wellness to the public and organizations within and outside of dentistry.
6.1 Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment.
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.
6.4 Recognize predisposing, etiologic risk factors, and lifestyle choices that may require intervention to prevent disease.
6.6 Determine the need for referral to the appropriate health professional.

Evaluation Criteria/Methods:
There will be four segmental (noncomprehensive) 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.

Grading Scale:
A=90-100  B=80-89  C=75-79  D=70-74  F=<70

Learning Materials:
Course syllabus.

Remediation Policy:
Students who earn an F final grade in Introduction to Pathology #3410 may remediate the deficiency, if given the opportunity by the Student Promotions Committee. The remediation course is self-paced, self-study with faculty consultation. There will be periodic written testing.

Attendance and Make-up Policy:
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.
For university excused absences, refer to Student Rule 7 for details (http://student-rules.tamu.edu/rule07). For an excused absence, a missed exam or assignment must be made up within (insert time frame) of the excused absence.

Laboratory/Clinic Policies and Procedures:
N/A
Tuesday 9:00 – 10:00/Thursday 9:00 – 11:00, Room

**Special Accommodation for Persons with Disabilities:**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Dr. Paul Dechow, Associate Dean for Academic Affairs in charge of Disability Services, Room 514, or call 214 828 8208 for additional information.

**Academic Integrity Statement and Policy:**

“An Aggie does not lie, cheat or steal, or tolerate those who do.”

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the honor Code, to accept responsibility, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System.

[http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu)

_Date prepared:_
_Vickie Nigh_
## COURSE OUTLINE

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<th>Date</th>
<th>Session Title/Topic</th>
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<td>3/27/2018</td>
<td>Cell Injury</td>
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<td>3/29/2018</td>
<td>Inflammation and Repair</td>
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<td>Diseases of the Immune System</td>
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<td>Neoplasia</td>
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<td>4/10/2018</td>
<td>Principles of infectious disease</td>
<td>Dr. Cheng</td>
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<td>The Lungs</td>
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<td>The Hematopoietic and Lymphoid System</td>
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<td>The Kidneys</td>
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<td>The Alimentary Tract</td>
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