Course Syllabus

Course Number and Name: Dental Hygiene 3340 Biomedical Sciences II

Course Type: Lecture Laboratory Clinical Seminar Selective

Academic Year/Semester Offered: Spring 2017

Course Director: Allen L. Honeyman, Ph.D.

Other Participating Faculty:

Course Description:
This course is designed to provide the dental hygiene student with a basic introduction to the structure of the human body, including its anatomy, biochemistry, histology, and physiology. Emphasis is placed on the structures of the head and neck region that surround the oral cavity.

Course Objectives:
For most topics, instructional objectives are presented as study questions at the end of each chapter in the textbook.

Learning Outcomes/Competencies:
2.1 - Apply critical thinking skills and evidence-based decision making to the practice of dental hygiene.
2.2 - Commit to self-assessment and lifelong learning in order to provide contemporary clinical care.
3.1 - Prepare for career opportunities within health care, industry, education, research, and other roles as they evolve for the dental hygienist.
3.3 - Contribute to the knowledge base of dental hygiene.
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.
6.3 - Manage the patient at risk for a medical emergency, and be prepared to handle the emergency should it occur during an appointment.
6.4 - Recognize predisposing, etiologic risk factors, and life style choices that may require intervention to prevent disease.
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.
6.6 - Determine the need for referral to the appropriate health professional.
8.2 - Control pain and anxiety during treatment through the use of accepted clinical techniques and appropriate behavioral management strategies.

Evaluation Criteria/Methods:
Seven major exams worth a total of 520 points and ten quizzes worth a total of 100 points are scheduled during this semester. The lowest quiz score will be dropped, making 610 total points available. On these exams, students must be able to demonstrate their knowledge of material presented in: (1) the assigned textbook sections (where pertinent), (2) the lectures, and (3) the demonstrations. These written exams may consist of a combination of multiple choice,
true/false, matching, diagram labeling and/or completion and short discussion type questions. The class performance may be curved up to 79% on major exams. Final grades will be based on the percentage of total points accumulated and all points that are included in the final grade must be included in the syllabus prior to the start of class.

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

**Laboratory/Clinic Policies and Procedures:**
NA

**Learning Materials:**
- Text: *Principles of Anatomy and Physiology*, 14\textsuperscript{th} ed. Tortora & Grabowski, 2014
- Lecture outlines, handouts, manual
- PowerPoint presentations, Camtasia recordings from most lectures posted to Blackboard

**Remediation Policy:**
Students with poor performance on exams and/or quizzes are encouraged to meet with the course director to determine the source of their performance problem(s). Joining a study group of fellow students is encouraged. Tutors from the senior dental hygiene class may be made available by consultation with Ms. Sheryl Hornback. Should an individual fail to achieve a passing grade, the Student Promotions Committee may be encouraged to have that student repeat the course at its next scheduled offering, provided the student is performing well in all other course work.

**Attendance and Make-up Policy:**
Although attendance at lectures is not required, it is highly encouraged since the lecture represents the instructor’s attempt to structure and organize the content for you to learn. Likewise, you are strongly encouraged to attend and actively participate in the demonstrations, which offer the opportunity to use models, cadaver demonstrations, and worksheets to better understand the material discussed in lecture. In addition, the demonstrations are a great opportunity to interact one-on-one with instructors and to ask questions. Attendance/participation at some demonstrations is rewarded with points that can raise your grade! If a student misses a major exam with an excused absence, a makeup exam will be made available. However, there is no basis for a curve on make-up exams. Refer to Rule 7 for details.

**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 8207 for additional information.
Academic Integrity Statement and Policy:
Another characteristic of a professional is to uphold the highest standards of personal and intellectual ethical conduct. As a student in this course, the faculty expects you to adhere to such standards of academic integrity, which include not being a participant in cheating or misrepresentation of facts, nor withholding information if you know of such acts being committed. While the faculty will take steps to minimize cheating on exams, it is your responsibility as a professional to not only refrain from such activities but to report those who participate in them.

“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.