Course Number and Name: 4620 Theory of Dental Hygiene Practice II

Course Type: Lecture  Laboratory  Clinical  Seminar  Selective

Academic Year/Semester Offered: Fall 2016, 2 credit hours

Course Director: Kathleen B. Muzzin RDH, MS
Office: 139 H
Telephone: 214-828-8405
Email: kmuzzin@tamhsc.edu
Office Hours: By Appointment

Other Participating Faculty:
Jane Cotter RDH, MS
Pat Campbell RDH, MS
Jackie Plemons DDS, MS
Terry Rees DDS
Emet Schneiderman PhD

Guest Lecturers:
Leah Holderbaum MS OTR/L

Course Description:
Fundamental knowledge and techniques in managing patient’s with special needs.

Course Objectives:
At the end of the this course the students will be able to:

1. Discuss societal attitudes towards the disabled patient in terms of federal and state legislation, availability of educational programs, employment opportunities, and provision of dental care.
2. Describe the problems that the disabled have in accessing dental care and solutions to help meet their oral healthcare needs.
3. Explain the etiology, incidence, medical treatment and psychosocial implications of disabling and medically compromising conditions.
4. Describe the oral manifestations and dental implications of disabling and medically compromising conditions.
5. Assess oral self care and the dental needs of the disabled and medically compromised patient and develop an individualized treatment plan and oral self care aids.
6. Demonstrate verbal and nonverbal communication skills with the disabled patient.
7. Demonstrate wheelchair transfer techniques.
8. Value the importance of developing individualized oral self care and clinical service treatment plans for patients who are medically compromised or disabled.
9. Appreciate the emotional needs of the disabled and the medically compromised patient.

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10. Develop a positive attitude toward treating persons with a disabling condition.
11. Analyze a clinical case scenario and formulate a PICO question that will enable the student to conduct a literature review regarding the patient’s oral health concern.
12. Critically appraise the evidence and present a summary of how the findings can be applied to the patient scenario.

**Learning Outcomes/Competencies:**

**I. Professionalism**
- 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.
- 2.4 Employ principles of scientific writing.

**II. Health Promotion and Disease Prevention**
- 4.2 Identify the health needs of individuals and assist them in the development of appropriate and individualized self-care regimens.
- 4.3 Encourage patients to assume responsibility for their health while respecting their goals, values, beliefs and preferences.

**III. Patient Care**
- 6.1 Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment.
- 6.2 Perform an extra oral and intra oral 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.
- 7.1 Determine priorities and establish oral health goals with the patient/family and or guardian as an active participant.
- 7.2 Acknowledge cultural differences in populations when planning treatment.
- 7.3 Establish a planned sequence of educational and clinical services based on the dental hygiene diagnosis using the problem-based approach.
- 7.4 Communicate the plan for dental hygiene services to the dentist or other interdisciplinary health team members to determine its congruence with the overall plan for oral health care.
- 8.4 Control pain and anxiety during treatment through the use of accepted clinical techniques and appropriate behavioral management strategies.
- 9.1 Determine the clinical outcomes of dental hygiene interventions using indices, instruments, examination techniques, and determine the appropriate maintenance schedule.

**Evaluation Criteria/Methods**
Teaching methods include lecture, analyzing clinical cases studies, and classroom discussion.

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The final grade for the course will be computed as follows:

Examinations 75%
Three written examinations valued at 25% each for a total of 75%. The exam must be taken on the assigned date and time. No make-up exams are permitted unless it is an excused absence. If a student has an excused absence, the make-up exam must be taken within one week after returning to school. Each exam is designed to simulate the case-based section of the National Board Dental Hygiene Examination. The exam will include multiple choice, paired true-false, cause/effect, negative, short answer and case study type questions. Case study questions are based on topics covered in this course and may integrate material covered previously in Pre-clinic, Theory of Dental Hygiene Practice I, Radiology, Health Education and Behavioral Science, Health Promotion and Disease Prevention, Applied Dental Materials and Clinical Dental Hygiene I and II.

Quizzes 15%
All quizzes will be taken on-line through Blackboard e-Campus. Each quiz will contain 12 True/False questions and the student will be allocated 10 minutes to complete the quiz. The quiz will be available from Thursday 5:00 pm until Sunday 11:59 pm each week and will cover the reading assignment and material presented in class. Quiz dates and the material that will be covered on the quiz week will be posted on Blackboard. It will be the student’s responsibility to complete the quiz during the time that it is available on Blackboard e-Campus. Prior to taking the first quiz, the student should set their computer up so that it is compatible with Blackboard e-Campus and familiarize themselves with the logistics for taking the quiz. Before taking any quiz it will be the student’s responsibility to make sure they have a connection to the internet and that their computer is working correctly in Blackboard e-Campus. Students can access Blackboard e-Campus using either Google Chrome or Mozilla Firefox (See system requirements in Blackboard). Any problem(s) that occur while taking the quiz should be addressed immediately and the student should send Ms. Muzzin an email explaining the issue that may have occurred while taking the quiz. It will be the course director’s discretion whether a quiz will be reset and only ONE quiz can be reset during the semester. Ms. Muzzin will NOT respond to any email sent after 10:30 pm on Sunday. The lowest quiz grade will be dropped at the end of the semester.

Critically Appraised Topics (CAT) 10%
Students will work in groups and analyze a clinical scenario, formulate a PICO question, conduct a search of current literature, critique the evidence and present their findings to their classmates during finals week. Group assignments and case scenarios will be distributed on October 25th. Each group will be allocated 15 minutes to present their findings. The exact due date will be announced during the first week of November. All group members must be in attendance during the presentation and should be prepared to answer questions from dental and dental hygiene faculty and their classmates. Students who are absent that day will receive a 0 for the project. NO EXCUSES OR EXCEPTIONS WILL BE ALLOWED.

Grading Scale:
A= 90-100  B= 80-89  C= 75-79  D= 70-74  F= 69 and below
**Learning Materials:**
The following textbooks will be required for this course.

Little JW and Falace DA. *Dental Management of the Medically Compromised Patient.* Mosby Elsevier 8th Edition, 2012. Available online through eBooks in the Baylor Health Sciences Library. Use Mozilla Firefox or Google Chrome as your web browser. There is a hard copy in the reference section in the library that can be checked out. Since it is a reference book, it cannot be removed from the library.


Additional readings and handouts may be assigned by each lecturer. It will be the **student’s responsibility to read the material.** Each lecture will contain a list of terminology that can be found in the reading assignment which the student will be responsible for completing outside of class. **The list of terminology will be covered on either the quiz or exam.**

**Remediation Policy:**
As a student who earns a grade of “F” must retake the course in the spring semester. A grade of “C” must be attained in order to pass the remedial course. All exams will be essay.

**Attendance and Make-up Policy:** Attend all class sessions as required by Texas A & M University. For university excused absences, refer to Student Rule 7 for details. For an excused absence, a missed exam or assignment must be made up within seven days after returning to campus. It is the students responsibility to make-up any missed work. Failure to not complete the make-up work within the time frame allocated will be recorded will receive a grade of 0. Absences must be reported to either Pam at 214-828-8340 or Ms. Muzzin at 214-828-8405 or Ms. Muzzin’s email kmuzzin@bcd.tamhsc.edu, and must be received prior to the beginning of class. If a student is absent from a class, it will be their responsibility to see the course director for information missed during his/her absence.

**Policies and Procedures:** It will be the student’s responsibility to check Blackboard e-Campus daily for announcements and posted grades. Questions regarding grades posted on Blackboard e-Campus should be brought to the attention of the course director within TWO WEEKS after the grades are recorded.

Students should come to class alert, should be attentive during all class sessions and take notes during each class session. **The lectures for this course will NOT BE RECORDED ON CAMTASIA.** The student is responsible for all information covered in each class session, the reading assignments and the list of terminology associated with each lecture.

Cell phones, pagers, and iPods must be turned off and placed out of reach during each class session. Laptop computers are allowed as long as they are being used for taking notes or looking up information related to case studies. Prior to beginning an

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examination, all cell phones will be turned into Ms. Muzzin and will be kept at the front of the class until the student has completed the exam. The student will not be allowed to leave the classroom during an exam. NO EXCUSES WILL BE ALLOWED.

This course will have guest lecturers who are donating their time to speak to Texas A&M students. Any student who demonstrates behavior that is disruptive during class (i.e. talking, laughing, text messaging, ringing cell phone, or studying materials from other courses), will be asked to leave the room. Five points will be deducted from the final grade for every instance of disruptive behavior by the student. If a student has a critical family matter that warrants the need for ready access to their phone, this should be discussed with Ms. Muzzin prior to the start of class.

**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. Charles Berry, 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.
<table>
<thead>
<tr>
<th>DATE/ROOM</th>
<th>TIME</th>
<th>MAJOR CONTENT</th>
<th>INSTRUCTOR(S)</th>
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| August 15th  
Room 211 | 2:30-4:30  | Introduction to Course  
Attitudes Towards Disabled Access to Dental Care | Ms. Muzzin     |
| August 22nd  
Room 211 | 2:30-4:30  | Care of the Patient with an Intellectual Disability  
Dental Care for Patients with Special Health Care Needs | Ms. Muzzin     |
| August 29th  
Room 211 | 2:30-4:30  | Care of the Patient who has Arthritis  
Oral Self Care Aid Due | Ms. Muzzin     |
| September 5th  
Room 368 | 2:30-4:30  | NO CLASS  
LABOR DAY HOLIDAY |                |
| September 12th  
Room 211 | 2:30-4:30  | Care of the Cancer Patient | Ms. Cotter     |
| September 19th  
Room 368 | 2:30-4:30  | Care of the Patient with a Cerebrovascular Accident Patient | Ms. Campbell   |
| September 26th  
Lab 30 | 2:30-4:30  | EXAM I  | Ms. Muzzin |
| October 3rd  
Room 211 | 2:30-4:30  | Care of the Psychiatric Patient | Ms. Muzzin     |
| October 10th  
Room 211  
DH Clinic | 1:30-3:00  | Care of the Patient with a Sensory Impairment  
Wheelchair Transfer Lab | Ms. Muzzin  
Ms. Holderbaum |
| October 17th  
Room 211 | 2:30-4:30  | Care of the Patient with a Spinal Cord Injury | Ms. Muzzin     |
| October 24th  
Room 211 | 2:30-4:30  | Care of the Patient with Alcoholic Liver Disease | Ms. Muzzin     |
| October 25th  
Room 310 | 10:00-12:00 | Development of a Critically Appraised Topic (CAT) | Dr. Schniederman |
| October 31st  
Lab 30 | 2:30-4:30  | Exam II  | Ms. Muzzin |
| November 7th  
Room 211 | 2:30-4:30  | Care of the Patient with Parkinson’s Disease  
Care of the Patient Multiple Sclerosis | Ms. Muzzin     |
| November 14th  
Room 211 | 2:30-4:30  | NO CLASS |                |
| November 15th  
310 | 10:00-11:00  | Care Patient with Desquamative Gingivitis  
Care of the Substance Abuse Patient | Dr. Plemons  
Dr. Rees |
| November 21st  
NO CLASS | THANKSGIVING VACATION |                |                |
| November 28th  
Room 211 | 2:30-4:30  | Care of the Patient with End Stage Renal Disease  
Care of the Patient with Dementia | Ms. Muzzin     |
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<tr>
<td>December 5th</td>
<td>2:30-4:30</td>
<td>Exam III</td>
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<td>Room 211</td>
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<td>Ms. Muzzin</td>
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<td>December 12th-16th</td>
<td>TBA</td>
<td>CAT Presentations</td>
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<td>Finals Week</td>
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<td>Ms. Muzzin, Mr. Kabani, Dr. Schneiderman</td>
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<td>DH and Dental Faculty</td>
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Individual Lecture Objectives and Reading Assignments: See Course Manual

Some class times and dates have been adjusted according to guest speaker’s availability and/or course director’s schedule. Time, date and classroom changes are highlighted in **BOLD print**. Due dates for assignments and exams are also in **BOLD print**.

The course director reserves the right to change the schedule anytime during the semester.

*Date Prepared: July 2016*
Course Responsibilities Statement

I, ______________________________, acknowledge that I have read and understand the Theory of Dental Hygiene Practice II course syllabus. I have clarified any questions with the course director Ms. Muzzin. Upon signing below, I acknowledge that I will be held responsible for all of the content and conditions of this syllabus.

Signature_______________________________________ Date__________________

Honor Code Statement

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

I, ________________________________, acknowledge that I have read and understand the TAMU college policies regarding academic dishonesty as is posted under the Aggie Honor System Rules Standard 20 (http://student-rules.tamu.edu/). I shall refrain from giving or receiving any aid during a written exam or while taking an on-line quiz and will not discuss any information related to the exam/quiz with my classmates. I understand that any violation of academic integrity will result in a grade of F for the course and will be reported to Associate Dean of Academic Services. I have clarified any questions with the course director Ms. Muzzin and will uphold the Aggie Honor Code.

Signature_______________________________________ Date__________________

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