MASTER OF SCIENCE IN DENTAL HYGIENE
Research Principles and Application DENH 5026

Fall 2017

CLASS DAYS and TIME: This is fully online. Student discretion; however, all students will be required to post AT LEAST once a week concerning assigned material.

CLASSROOM: Does not apply. Course is fully online

COURSE FACULTY: Course Director: Melanie V. Taverna MSDH, RDH

OFFICE LOCATION and HOURS: By appointment only 2.500U1 Long Campus, School of Dentistry

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READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.

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COURSE DESCRIPTION AND OBJECTIVES

This course is designed to provide the student with an opportunity to expand research knowledge. The course will consist of an in depth study of the research process, its contexts, design, data collection and communication techniques. All students are expected to complete assigned readings and participate in on-line discussions and activities that will complement principles covered in assignments.

Course Rationale:

Current graduates of dental hygiene programs are required to possess skills needed to continue their professional development and encourage life-long learning. These skills include knowledge of basic research principles sufficient to: facilitate reading and analyzing professional and scientific literature, obtain research information to support current oral health care treatment and preventive procedures, and provide accurate information to their patients. Advanced education students are preparing for expanded roles in clinical care, public health, education, administration, research and as change agents. To function in any or all of these roles, each student has a responsibility to understand and possess skills to apply research principles at an advanced level.

Pre-requisites – Admission to the graduate program

Semester credit hours – 3.0 credit hours 48 "contact" hours

Upon completion of this course, the student will be able to:

- Define research proposal and conduct a final literature review.
- Differentiate and describe the steps of the research process.
- Analyze research articles for appropriate research mechanics.
- Apply APA formatting appropriate to written work.
- Examine library data bases used for locating research material.
- Employ an online reference manager for organizing research material.
- Apply information skills: locating, applying, compiling, managing, analyzing, evaluating, etc.
- Evaluate peer learning using appropriate assessment and evaluation methods.
- Demonstrate ethical and professional behavior and values
- Engage in life-long learning in order to promote professional development

COURSE OUTCOMES

The student will demonstrate an understanding of the research process and possess the skills needed to apply research principles at an advanced level by completing a research grant proposal.

CODA STANDARDS

This course satisfies a portion of the CODA, ADA Accreditation Standards 2-22, 2-23, 2-24, and 2-25. A complete set of Standards for Dental Hygiene Programs are accessible at**: http://www.ada.org/prof/ed/accred/stand/index.html**

DENTAL HYGIENE COMPETENCIES

This course satisfies the following UTHSCSA competencies for the Master of Science Dental Hygiene Program: 1.1, 1.2, 1.3, 1.4, 1.6, 3.1, 3.2, 3.3, 4.2, 4.3, 5.2, and 5.3.

COURSE ORGANIZATION

This is a self-paced course facilitated by a faculty advisor. On-campus or electronic meetings will be arranged with the course director to assure goals are met in a timely manner.

DELIVER METHODS AND COURSE EXPECTATIONS

The teaching methods used in this course will be a combination of web-based instruction, on-line research, peer teaching, and peer review. Regular posting on the web will provide instructor feedback for discussion and/or grading purposes. This course is focused on student centered learning. Inherent to this format is the possibility for individualized approaches to learning. Because students have differing interests and learn on differing time tables, the management of the course material will be the responsibility of the student. There are three important points the student should remember when managing the course material:

- The student is expected to complete all assignments and submit them to the appropriate destination.
- No late work will be accepted.
- It is the responsibility of the student to inform the course director should the student need assistance during the semester for any reason.
- The student is expected to locate and read other material related to course topics, in addition to the reading that has been assigned. This additional information will enhance student learning and should be used and cited as support information in student discussions and writings.

COURSE REQUIREMENTS

All students will have the opportunity to demonstrate professionalism by:
- Completing assignments on time
- Being respectful of others learning environment
  All students will have the opportunity to demonstrate integrity by:
- Completing assignments individually, unless otherwise instructed
- Collaborating with others through postings to enhance the learning experience
  All students will have the opportunity to demonstrate the principles of life-long learning by researching and developing products either by expanding upon current knowledge and skills or acquiring new knowledge and skills.
  Specific requirements are outlined in content of each Module.

LEARNING ACTIVITIES
Several different activities will be utilized in this course to assist students in understanding the research process. Students will be required to read the assigned text and online materials presented through the course and participate in online discussions. Study questions will be used to evaluate understanding of written material. Critiques of research articles will be utilized for the development of critical thinking and reading skills. An understanding of library resources used in research, such as research data bases and EndNote will also be developed. Students will serve as peer reviewers for their

classmates as they move through the process of developing a research proposal.

Materials – The texts are listed below. Other materials will consist of journal articles found in the UTHealth Library and various scholarly search engines

Computer Access – **The student is required to have a computer, internet access that will be capable of utilizing CANVAS Learning Management System, Microsoft Outlook Email, UTHSCSA.edu website, and UTHSCSA Library resources. The student is required to have a compatible/ up to date Microsoft Office Suite with Word, and PowerPoint. The student is responsible for contacting UT IMS at http://ims.uthscsa.edu/student_support/index.aspx or 210-567-7777 to ensure their computer has the appropriate security software installed.**

Reading Assignments – Any reading requirements are found in the modules.

ATTENDANCE

Fully online courses do not have attendance policies. However, attendance in the course will be monitored by discussion board interactions, completed assignments, and conferences.

TEXTBOOKS

Required:

Creswell, J. W. (2012). Educational Research: Planning, Conducting and Evaluating Quantitative and Qualitative Research. 4th ed. Upper Saddle River: Pearson.

Publication Manual of the American Psychological Association, APA, Sixth Edition, published by the APA, Copyright 2010.

Texts may be ordered from your choice of on-line vendors.

Recommended:

Dana K. Keller. (2016). The Tao of Statistics: A Path to Understand (With No Math). 2nd ed. Los Angeles: Sage

Displaying Your Findings: A Practical Guide for Creating Figures, Posters, and Presentation.(2013) 6th ed. Los Angeles: Sage

Presenting Your Findings: A Practical Guide for Creating Tables. (2011). 6th ed. Los Angeles: Sage

GRADING POLICIES AND EXAMINATION PROCEDURES

The final grade is based on a possible total of 1000 points as follows:

(1%) 1. Self Portrait 10pts.
(9%) 2. Chapter Readings & Postings 90pts.
(10%) 3. Critical Thinking and Reading Activity 100pts.
(10%) 4. Database and Reference Activity 100pts.
(20%) 5. Article critiques 200pts
(30%) 6. Research Grant Proposal 300pts
(20%) 7. Peer Review 200 pts.

Grading System

The graduate student is expected to maintain an overall average of a "b" (80%) or better to stay in the program.

REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3,

REQUEST FOR ACCOMMODATION UNDER THE ADA AND THE ADA AMENDMENTS ACT OF 2008 (ADAAA)

Any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100) to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at http://uthscsa.edu/eeo/request.asp.

ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/

TITLE IX AT UTHSCSA

Title IX Defined:
Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads "no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

UT Health San Antonio's Commitment:
UT Health San Antonio is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at http://students.uthscsa.edu/titleix/

EMAIL POLICY

Every student is issued a University e-mail address and account at the time the student first enrolls. As a standing University Policy, only the students' University e-mail address shall be used for any electronic institutional communications of an official nature.

EMAIL OFFICE HOURS

Monday through Thursday 8:00-5:00, excluding holidays: Electronic messages sent Monday through Thursday will be responded to within 48 hours. Messages sent Friday after 3 PM or weekends will be responded to by the following Tuesday.

USE OF RECORDING DEVICES

Does not apply to online courses

ELECTRONIC DEVICES

Does not apply to online courses

ACTIVITY MANAGER: Found in CANVAS