DENTAL HYGIENE ONLINE DEGREE COMPLETION COURSES
Offered through the IDEAL Program
COURSE SYLLABUS

Dear Student,

Please read the following course syllabus carefully, especially the course dates, times and location. If you have any questions, please do not hesitate to communicate with the Dental Hygiene department, your dental hygiene academic advisor, or the instructor.

The BSDH degree completion program is designed with the adult learner in mind. Adult learners approach learning with specific goals, want to be able to directly apply new learning to their work and personal lives, and tend to learn best when the coursework is problem-centered so that they are actively engaged in the learning process. In addition, adults bring rich and varied experience to the classroom, which becomes a valuable learning resource for other students.

The BSDH Online Degree Completion Program assumes joint responsibility in the learning process. The activities and assignments in our classes build on the shared experience of all learners in each class. This is why each student's preparation, participation and interaction in class activities and discussions are critical to the success of each course. The accelerated format of each course requires a significant amount of time outside the classroom to prepare for and complete the course assignments. This varies between students and courses; however, students typically spend a minimum of ten-twelve hours per week on course material.

To participate in the BSDH Online Degree Completion Program, it is expected that you will do the following:

1. Participate in and complete the online orientation prior to your first online course.
2. Obtain the required course materials prior to the course start date.
3. Login to your course a minimum of three times per week.
4. Complete all assignments to the best of your ability.
5. Participate in the class discussions and demonstrate respect and consideration to the instructor and other students when they express themselves in discussion.
6. If you have any technical difficulties, you must contact the Office of Distance Education immediately.

Have questions about taking an online course?
"Instructions for Taking a UB Online Course"

If you cannot perform these expectations, it is recommended that you drop the course. If you do not participate during the first week of the course, you will be dropped from the course.

Ethics Statement of Confidentiality

An integral component of the BSDH Online Degree Completion Program is student and faculty expression of personal experiences for the purpose of facilitating coursework. Students enrolled in the program are expected to honor confidentiality as it pertains to student disclosure. Shared information, comments, or opinions expressed by another student or the faculty member during the course of classroom discussion should never be used in a manner which is intended to humiliate, embarrass, harass, damage, or otherwise injure other students in their personal, public, or business lives. In addition, confidentiality must be upheld by not disclosing any information that would identify any particular individual.

The BSDH Online Degree Completion Program

Contact the IT HelpDesk by phone at 203-576-4606 or email itrequest@bridgeport.edu

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University of Bridgeport
126 Park Avenue, Bridgeport, CT 06604
Email: ubonline@bridgeport.edu
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DHYG 305: Dental Hygiene Research I Online Fall, 2013
3 Credits

Course Dates: Monday, August 26, 2013 – Friday, December 6 , 2013

Course Description:

Dental Hygiene Research is designed to introduce the student to the basic concepts, strategies and fundamentals of the research process. Critically evaluating existing research and developing a working research proposal will enable the student to become a part of this scientific process. Developing a unique body of research is critical to the advancement of the dental hygiene professional, and to the profession.

Instructor:

Sandra Stramoski, RDH, MSDH
Assistant Professor
Fones School of Dental Hygiene
Health Science Building
60 Lafayette St. #423
Bridgeport, CT 06604

sstramos@bridgeport.edu (Best choice)
Emails and phone calls will be returned within 24 hours
Office telephone: 203-576-4824 (Leave message)
Dept. Secretary: 203-576-4138
Dept. Fax: 203-576-4220

Required Textbooks and Materials: (Please order by ISBN Number)
Please note that ALL of these materials will also be used for DHYG 306 Dental Hygiene Research II

1. Leedy, P. & Ormrod, J. (2012). *Practical Research: Planning and Design, 10th Edition*, Boston: Pearson. ORDER WITH THE FOLLOWING ISBN # 978-0-13-269340 **Please note**: you must order the newest (10th edition). This is a **course requirement**. **You may not use a previous edition. Order through the UB Bookstore: http://www.bridgeport.edu/life/student-services/bookstore/**
2. American Psychological Association. (2010). *Publication Manual of the American Psychological Association* (6th Ed.). Washington, DC: Author. **ISBN 978-1-4338-0561-5. Required textbook.**
3. **Supplemental readings** to be assigned during the semester - most online with links provided.
4. **PowerPoint** Software & Presentation materials.
5. **UBNet account and UB email** to be used for ALL correspondence. This account also provides access to the **Canvas by Instructure Learning Management System**, the University's library, online databases and inter-library loans (ILLs).
6. **"Netiquette"** Students are expected to use professional language and online demeanor in all papers, postings on **Canvas** Discussion Boards and assignments. Care should be taken when submitting documents in identifying the subject and the sender with proper identification. This is also addressed in Week One of the course.

7. **Please Note:** Most assignments for this course may be completed ***asynchronously***, that is, on your own within the given time frame and by posted due dates. There will be several opportunities for live, ***synchronous*** learning via **WIMBA Collaboration Suite,** available through **Canvas**. *All Final Proposal Presentations will be delivered live via WIMBA* on one of the dates TBA.
8. **Computer microphone and camera are required.** Webcams with built-in microphones (if your computer does not have them built-in) can be purchased for as little as $19.99. You may use a phone for Wimba, but charges will apply. Use of Wimba with a webcam is free.

Course Goals:

The goals of this research course are to:

- Introduce the student to the various types of research
- Increase awareness for research as a method of advancing the dental hygiene profession
- Critically evaluate and analyze current oral health research literature
- Provide tools for the student to develop an original research proposal

Course Objectives:

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

- Identify current trends in dental health care research
- Identify and discuss research methods, sampling techniques, data collection and analysis
- Identify the components of a research proposal and research report
- Access current scientific literature through online databases,
- Utilize peer-reviewed journals for professional practice in patient care and research applications
- Critically appraise current literature in dentistry and dental hygiene for the purpose of composing a comprehensive literature review for an original research proposal.
- Search and access available research literature through online databases
- Develop and write an annotative bibliography of relevant literature
- Develop a working research proposal
- Identify various statistical tests that are utilized in data analysis
- Apply the legal and ethical considerations of health care research
- Examine various data collection and sampling techniques involved in scientific research
- Utilize PowerPoint software to present an original Research Proposal to the Course Instructor and peers.
- Utilize APA writing style for submitting research for publication and documenting literature resources

Course Evaluation:

- Library Assignment 5%
- Annotated Bibliography 15%
- Article Critique 5%

- Population Analysis 5%
- Participation and TME 15%
- Two Exams 20%
- Research Proposal 25%
- Presentation 5%
- PowerPoint 5%

Library Assignment:

- A Library Search Assignment will be given during the third week which addresses the Information Literacy and Library Utilization presentations.
- Guidelines for the assignment will be posted under "Week Three Assignments"
- **Due date: Sunday, September 15, by Midnight**

Annotated Bibliography (AB)

- Assists in cataloging and organizing resources (articles) for the review of the literature on the research topic.
- Students will assess and describe 5 articles from peer-reviewed journals as follows:
  - Citation
  - Purpose
  - Sample
  - Methods
  - Results
  - Discussion
  - Significance to topic
- **Due date: AB 1 *draft* due week of September 23 (Workshop). AB 1-5 due Sunday October 27, by Midnight**

Research Article Critique

- Choose an article on original research of interest to you from a recent peer-reviewed dental hygiene journal – preferably within the last three years.
- Guidelines will be posted under Course Materials.
- **Due date: Sunday, October 27, by Midnight**

Population Analysis

- Students will complete an exercise as a group which will allow them to specify the population and the sample they plan to obtain for their prospective research. .
- Guidelines will be posted in Assignments
- **Due date: Thursday, November 21, midnight**

Participation and Team Member Evaluations (TME)

- **Weekly Posts on Discussion Board** – includes discussion questions, workshops, feedback to fellow students and group work. Graded on content, feedback and collaboration efforts. **Minimum one well-developed post in each topic area and one thoughtful response to a classmate. Full points require more than minimum posting.** Specific criteria are posted in Grading Criteria in Canvas. **Ongoing.**
- **WIMBA** – Course workshops, group work and final presentations will be accomplished through this venue in Canvas. Several ***live*** sessions will be scheduled according to availability. All final presentations will be "live"

online in WIMBA the week of **December 2, 2013**. **Specific schedule TBD by instructor & students**.

- **TME = Team Member Evaluations** – peer mentoring on Canvas as well as peer evaluations of presentations aid in learning and internalizing course content. All are expected to participate. **Ongoing**. **Peer and Team Member Evaluations** will be submitted in Canvas by all students within the week following final presentations.

Two Exams

- Two examinations will assess student understanding of the text and presented material. Exams will be in two parts; a timed, multiple choice and matching portion, and essay questions for which you have one week to complete. Tests will be posted the week of the exam along with instructions for completion and submission to instructor.

Research Proposal, Presentation & PowerPoint

- A research proposal, presentation and PowerPoint will be developed through a collaborative effort with your research group (to be determined in the first few weeks of class).
- The **Proposa**l will include a review of the literature using journal articles, and a plan for the methodology of the research to be completed in DHYG 306, Dental Hygiene Research II next semester.
- Approval of the **research topic** must be made by the course instructor by **Sunday, September 29, 2013.**
- **Presentations** will be graded according to the posted rubric. Grades are based on instructor evaluations by course instructors for DHYG 305, DHYG 306 and peer evaluations.
- **Final Paper and PowerPoint due Sunday, December 1, 2013. Oral group presentations will be the week of December 2, schedule TBD by class and course instructor.**

Course Expectations:

- **Active participation and collaboration** with peers are vital to course success!
- **Students are expected to meet all posted assignment and course deadlines.**
- **Please Note: Individual Weekly Assignments and due dates are posted on Canvas.** The "weeks" are listed on page 7 of this syllabus beginning on a Monday. Materials for that week will be made available the *previous* Sunday (excluding Week One) to allow students to work ahead. **This is for your convenience and schedules.**
- **The syllabus is subject to change as needed to facilitate learning.** Adjustments to the syllabus will be posted in a timely manner by the course instructor on Canvas.
- **Assignments submitted late will not be accepted without prior instructor approval**. Late assignments are subject to a five point deduction and/or drop in letter grade for that assignment and one point deduction for each succeeding day.
- **An overall passing grade for DHYG 305 is a "C" (74**). Dental Hygiene majors must earn a "C" or better to continue in the program. In addition, **a grade of 74 or**

better is required for the written Final Proposal. If a 74 is not achieved on this portion, remediation will be necessary prior to advancing to DHYG 306.

- **You are encouraged to utilize the resources of the Wahlstrom Library. Our instructional specialists are** Rebecca Dowgiert, the Liaison to Health Sciences, rdowgiert@bridgeport.edu (203)576-4528 or Rachel Paschcael for Inter-Library loans rpaschae@bridgeport.edu (203)576-4522.
- **Instructional Technology -** This web based class will utilize the University of Bridgeport's **Canvas Learning Management System** (LMS) for asynchronous sessions. **Wimba – Online Collaborative Learning** software will be used for interactive synchronous sessions. Students are provided instruction on the use of Canvas through the online orientation provided by the Distance Learning department prior to the student starting the online program; Wimba – through the individual course instructor and podcasts provided through the Wahlstrom Library website: and conducting literary searches through the individual course instructor, Wahlstrom Library support and technical staff, and pod casts provided through the Wahlstrom Library website. Skill reinforcement and assessment are integrated into the various course assignments and exercises.
- **Academic Honesty -** It is the student's responsibility to familiarize him or herself with and adhere to the standards set forth in the policies on cheating and plagiarism as defined in Chapters 2 and 5 of the Key to UB http://www.bridgeport.edu/pages/2623.asp or the appropriate graduate program handbook.
- **Definition of Plagiarism** INTENTIONAL AS WELL AS UNINTENTIONAL FAILURE TO ACKNOWLEDGE SOURCES AS WELL AS THE USE OF COMMERCIALLY AVAILABLE SO-CALLED "RESEARCH PAPERS" WITHOUT FULL RECOGNITION OF THE SOURCE. Students are responsible for distinguishing clearly between their own facts, ideas, and conclusions and those of other sources. To use someone else's words, opinions, or conclusions without giving them credit is plagiarism. Students must be able to distinguish their own ideas, conclusions, discoveries, etc., from those read or heard. Check with your professor(s) for the appropriate guidelines that should be followed.

COURSE SCHEDULE BELOW:

DHYG 305 Dental Hygiene Research I Online ■ Course Schedule Fall, 2013*

Week	Topic	Required Reading
1 – August 26	• Overview of Course • Scholar Introductions • Why is Research Vital to Dental Hygiene? • Netiquette for Online Learning	• National Dental Hygiene Research Agenda • ADHA Survey and Research Web Page • Netiquette Presentation
2 – September 2	• What is Research? • Tools of Research • Anatomy of a Research Article	• Chapter 1 – The Nature of Research
3 – September 9	• The Problem: the Heart of Research • Information Literacy and Library Utilization	• Chapter 2 • Information Literacy PowerPoint (PP) • Database Search Videos • **Library Assignment due September 15**
4 September 16 –	• Review of the Related Literature • Planning Your Research Project • Institutional Review Boards (IRB)	• Chapters 3 & 4 • IRB Presentation • UB IRB Documentation • NIH Human Subjects Training
5 – September 23	• Writing the Research Proposal • **Annotated Bibliography (AB) Workshop** • Topics Discussion	• **Chapter 5** • Annotated Bibliography (AB) Presentation • **Group General Topics Due Sunday, September 29**
6 – September 30	• **Exam 1: Chapters 1-5 & Library & IRB Material**	• Exam 1 • Continued Topics Discussion
7 – October 7	• Qualitative Research	• Chapter 6
8 – October 14	• Class Workshop #1 – Literature Review	• **Article Critique Due 10/20**
9 – October 21	• Class Workshop #2 - Introduction	• **AB 1-5 Due 10/27**
10 – October 28	• Descriptive & Experimental Designs •	• Chapters 8 & 9
11 – November 4	• Mixed Methods Research • Strategies for Analyzing Quantitative Data • Preparing the Research Report	• Chapter 10 (Short chapter!) Chapters 11 & 12 • Writing the Final Research Report Presentation
12 –November 11	• **Exam 2: Chapters 6-12 (Excl. Ch 7)**	• PowerPoint Workshop
13 – November 18	• Class Workshop #3 - Methodology	• **Population Analysis**
14 – November 25	• Class Workshop #4 – Citations and Bibliography • Preparing Presentations & PP	• **Final Paper and PowerPoint due Sunday, December 1**
15 – December 2	• **Group Presentations**	• Presentations in Wimba • Peer & Self Evaluations

***This syllabus is subject to change as needed to facilitate learning.** Adjustments to the syllabus will be posted in a timely manner by the course instructor on **Canvas**. Such changes will take precedence over the syllabus. DUE DATES TABLE BELOW:

Assignment	Due Date	% of Grade
Library Assignment	Sunday, September 15	5%
Annotated Bibliography	AB1 Due Week of September 23	Workshop
Exam One	Week of September 30	10%
Article Critique	Sunday, October 20	5%
Annotated Bibliography	AB 1-5 Due Sunday, October 27	15%
Participation and TME	Ongoing	15%
Population Analysis	Thursday, November 21	5%
Exam Two	Week of November 11	10%
PowerPoint	Sunday, December 1	5%
Written Research Proposal	Sunday, December 1	25%
Oral Presentations	Week of December 2	5%

Grading Criteria	
A	= 100 – 94
A-	= 93 – 90
B+	= 89 – 87
B	= 86 – 84
B-	= 83 – 80
C+	= 79 – 77
C	= 76 – 74*
C-	= 73 – 70

***Below a 74 is considered unacceptable and will require consultation with the course instructor and online program director to consider continuation to DHYG 306, Research II**