

# COURSE SYLLABUS

<b>Course Title:</b>	Dental Hygiene Research Seminar	<b>Date submitted:</b>	March 2017 (AAC: 17-33)
<b>Department:</b>	Allied Health		
<b>Curriculum:</b>	Dental Hygiene		
<b>Course Descriptors:</b> Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.	<b>Course Code:</b> (eg. ACC 101)	DHY*269	<b>Prerequisites:</b> C or better in Dental Hygiene II Theory (DHY*239) AND Dental Hygiene II Clinic (DHY*240).
	<b>Course Type:</b>	M	
	A: Clinical B: Lab D: Distance Learning I: Individual/Independent L: Lecture N: M: Seminar Internship P: Practicum U: Studio X: Combined Lecture/Lab Y: Combined Lecture/ Clinical/Lab Z: Combined Lecture/Studio		
	<b>Elective Type:</b>	G	
	E: English FA: Fine Arts Science G: General HI: History HU: Humanities LAS: Liberal Arts & Sciences FL: Foreign Language M: Math S: Science SS: Social		
	<b>Credit Hours:</b>	1	<b>Corequisites:</b>  Dental Hygiene III Theory (DHY*259), Dental Hygiene III Clinic (DHY*260)
	<b>Developmental:</b> (yes/no)	No	
	Lecture:	0	
	Clinical:	0	
	Lab:	0	
Studio	0		
Other:	1		
<b>CONTACT HOURS:</b>	TOTAL: 1		
<b>Class Maximum:</b>	15	<b>Other Requirements:</b>  None	
<b>Semesters Offered:</b>	F		
<b>Catalog Course Description:</b>	Provides an introduction to research and its relationship to theory development of the dental hygiene knowledge base, furthering its translation into clinical and community practice. This course focuses on research concepts and methodologies needed to interpret and critically review research studies and articles.		
<b>Topical Outline:</b> List course content in outline format.	1. Oral health research, science and scientific method 2. Performing a literature search 3. Types of research and approaches to it 4. Control of confounding effects 5. Research design 6. Sampling: purposes, types and their relationship to study design and bias 7. Data interpretation		
<b>Outcomes:</b> Describe measurable skills or knowledge that students should be able to demonstrate as evidence that	<b>Upon successful completion of this course, the student will be able to do the following</b> 1. use critical inquiry and accepted standards for evaluating research trials, observational studies and systematic reviews, to evaluate current research on oral health products, techniques, treatment modalities, and issues related to disease risk		

<p>they have mastered the course content.</p>	<ol style="list-style-type: none"> <li>2. identify strengths and weaknesses in published research articles</li> <li>3. demonstrate the ability to utilize technology to locate research articles in scientific journals</li> <li>4. evaluate the quality of research articles as they relate to the level of journal sponsorship</li> <li>5. prepare a scientific literature review</li> </ol> <p>*Students must achieve a minimum of 75% ( C) for successful completion of this course.*</p> <p><b>PROGRAM:</b> <i>(Numbering reflects Program Outcomes as they appear in the college catalog)</i></p> <p><b>GENERAL EDUCATION:</b> <i>(Numbering reflects General Education Outcomes as they appear in the college catalog)</i></p> <p>5. <b>Information Literacy/Continuing Learning</b> - Students will be able to use traditional and digital technology to access, evaluate, and apply information to the needs or questions confronting them throughout their academic, professional, and personal lives.</p> <p><b>Demonstrates:</b> Collects and synthesizes relevant and authoritative information resources appropriate to need and audience and utilizes current technologies to solve problems, complete projects, and make informed decisions.</p> <p><b>Does Not Demonstrate:</b> Does not collect and synthesize relevant and authoritative information resources appropriate to need and audience nor satisfactorily utilize current technologies to solve problems, complete projects, and make informed decisions.</p>
<p><b>Evaluation:</b> List how the above outcomes will be assessed.</p>	<p><b>Assessment will be based on the following criteria:</b></p> <p>Literature Review Quizzes Assignments</p>
<p><b>Instructional Resources:</b> List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.</p>	<p><b>Required</b></p> <p>Related scientific printed and on-line journals Library access</p> <p><b>Desired:</b></p>
<p><b>Textbook(s)</b></p>	<p>Davies, B; Logan, J., <u>Reading Research; A User – Friendly Guide for Health Professionals.</u></p>