

# COURSE SYLLABUS

<b>Course Title:</b>	Fundamentals of Dental Hygiene Theory	<b>Date submitted:</b>	March 2016 (16-15)	
<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*209	<b>Prerequisites:</b> Matriculation in Dental Hygiene program	
	<b>Course Type:</b>	L/M/D		
	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	<b>Corequisites:</b> DHY*210 Fundamentals of Dental Hygiene Clinic DHY*228 Histology & Oral Anatomy for the Dental Hygienist DHY*212 Diagnostic Radiography for the Dental Hygienist
	E: English FA: Fine Arts G: General HI: History HU: Humanities LAS: Liberal Arts & Sciences FL: Foreign Language M: Math S: Science SS: Social Science	<b>Credit Hours:</b>	3	
	<b>Developmental:</b> (yes/no)	No	<b>Other Requirements:</b> This course must be taken concurrently with Fundamentals of Dental Hygiene Clinic (DHY*210)	
	Lecture:	3		
	Clinical:	0		
	Lab:	0		
	Studio:	0		
	Other:	1		
<b>Contact Hours:</b>	TOTAL:	4		
<b>Class Maximum:</b>	30	<b>Other Requirements:</b> This course must be taken concurrently with Fundamentals of Dental Hygiene Clinic (DHY*210)		
<b>Semesters Offered:</b>	F			
<b>Catalog Course Description:</b>	Presents a comprehensive theoretical introduction to dental hygiene and is designed to familiarize the student with the concept of total client/patient care.			
<b>Topical Outline:</b> List course content in outline format.	<ol style="list-style-type: none"> <li>1. Professional ethics</li> <li>2. Dental, medical and personal history</li> <li>3. Vital Signs</li> <li>4. Medical emergencies</li> <li>5. Infection control and prevention of disease transmission</li> <li>6. Care of dental equipment</li> <li>7. Client reception and positioning</li> <li>8. Extra and Intra Oral Examinations</li> <li>9. Deposits of the teeth and stains</li> <li>10. Oral health education</li> <li>11. Use of the explorer for calculus detection</li> <li>12. Debridement: manual and mechanical</li> <li>13. Periodontal assessment</li> <li>14. Instrument sharpening</li> </ol>			

	<ol style="list-style-type: none"> <li>15. Restorative charting</li> <li>16. Selective polishing</li> <li>17. Topical fluoride treatment</li> <li>18. OSHA regulations</li> </ol>
<p><b>Outcomes:</b> Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.</p>	<p><b>Upon successful completion of this course, the student will be able to do the following:</b></p> <ol style="list-style-type: none"> <li>1. demonstrate an understanding of ethical professional behavior</li> <li>2. discuss and interpret medical history findings, including vital signs</li> <li>3. explain the critical importance of maintaining asepsis and discuss methods for avoiding disease transmission</li> <li>4. discuss care and maintenance of dental equipment</li> <li>5. identify and discuss the significance of operator and client positioning techniques</li> <li>6. explain the procedure for performing and documenting the EOE/IOE and demonstrate an understanding of the findings and their implications on treatment</li> <li>7. discuss the deposits of the teeth and their significance in oral health</li> <li>8. identify and discuss the features of instrument design and the procedures for the removal of deposits of the teeth</li> <li>9. discuss and explain the comprehensive periodontal assessment and demonstrate an understanding of the implications on oral health and treatment</li> <li>10. explain the use of the explorer in the comprehensive restorative examination and calculus detection</li> <li>11. discuss oral hygiene education/strategies and methods of client motivation</li> <li>12. demonstrate an understanding of all instruments utilized for assessment and treatment</li> <li>13. evaluate instrument sharpness and explain sharpening procedures as needed</li> <li>14. explain the rationale and procedure for selective polishing and topical fluoride</li> <li>15. define OSHA and explain features of these regulations as they relate to the delivery of dental care</li> </ol> <p>*Students must achieve at least <u>75%</u> ("C") for successful completion of the 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><b>Evaluation:</b> List how the above outcomes will be assessed.</p>	<p><b>Assessment will be based on the following criteria:</b></p> <ol style="list-style-type: none"> <li>1. exams</li> <li>2. quizzes</li> <li>3. assignments</li> <li>4. presentations</li> </ol>
<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> Online support via course shell for case study review and general discussion</p> <p><b>Desired:</b> None</p>

**Textbook(s)**

1. Darby & Walsh, Dental Hygiene Theory and Practice, Latest Edition
2. Wilkins, Esther M., Clinical Practice of the Dental Hygienist, Latest Edition
3. Nield-Gehrig, Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation, Latest Edition