

Prepared by the Department of Health Sciences
Date of Departmental Approval: January 18, 2018
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Effective: Fall 2018

1. **Course Number:** DEN230
Course Title: Dental Hygiene III
2. **Description:** This course emphasizes evidence based research and case based learning to integrate elements of theory, knowledge, and research into patient care. Students explore a deeper level of published research and complete a research project. Students apply accumulated knowledge to plan and manage care for a variety of patients utilizing risk assessment and the dental hygiene process of care. An exploration into dental specialty practices will be provided, focusing on the hygienist's role in each specialty.
3. **Student Learning Outcomes:** At the completion of this course the dental hygiene student will have the following knowledge and skills as they relate to the profession of dental hygiene and the dental hygiene process of care. The student will be able to:
 1. Discuss the principles of evidence based decision making and apply them to the practice of dental hygiene.
 2. Discuss the concepts of health and wellness and apply them to the practice of dental hygiene.
 3. Apply the concepts of risk assessment and health promotion to the practice of preventive dental care.
 4. Discuss the clinical significance of smoking, vaping and other inhalants on the periodontium and how to intervene with cessation protocols.
 5. Utilize risk assessments, identify and discuss common problems addressed by the following dental specialties: Orthodontics, TMD issues.
 6. Modify the dental hygiene process of care for patients with a history of substance abuse and family/child abuse and neglect.
4. **Credits:** 2 credits
5. **Satisfies General Education Requirements:** No
6. **Prerequisites:** DEN123 (Dental Hygiene I) and DEN128 (Clinical Dental Hygiene II)
7. **Semester(s) Offered:** Fall
8. **Suggested General Guidelines for Evaluation:** Students are evaluated with the following tools: Exams, quizzes, a research paper, and an oral presentation to the class. For the percentages of value for each project, please refer to the Instructor's Course Outline. Students are expected to complete all of the assignments in order to successfully complete the course. If a student is having difficulty with any of the assignments, he/she is encouraged to discuss this with the course instructor.
9. **General Topical Outline (Optional):**

Week 1	Course Introduction, Poster Presentation Information Session Overview of Evidence Based Decision Making and Research Process
Week 2	LRC How to Search for Evidence Based Research
Week 3	Elements of a Research Report and Evaluating a Research Report
Week 4	Review Gingivitis and Homecare Protocols
Week 5	Smoking Cessation
Week 6	Risk assessment - Caries
Week 7	Risk assessment – Perio & Oral Cancer
Week 8	Orthodontics
Week 9	Hypersensitivity and Erosion
Week 10	TMD
Week 11	Substance Abuse and the Dental Patient
Week 12	Child, elderly and special needs - abuse/neglect issues

Week 13
Week 14

Research Case Patient Presentations
Research Case Patient Presentations (Continued)