

## **DHYG 233 - DENTAL HYGIENE SEMINAR III** 2 CREDITS

### **SYLLABUS**

---

#### **CATALOG DESCRIPTION**

Continuing development of a theoretical framework of dental hygiene treatment with advancement of dental hygiene proficiency in all areas of dental hygiene treatment. Presentation and discussion of case histories from patients and preventive measures employed against disease concurrent with clinical practice with emphasis on special needs patients.

Prerequisites: DHYG 221, 225 Co-requisites: DHYG 229, 234, 235, 237

Semester Offered: Fall

#### ***Common Student Learning Outcomes***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

## Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Understand root morphology in preparation for advanced instrumentation.
2. Discuss the role of advanced instrumentation in non-surgical periodontal treatment as it relates to technique, instrument selection, aims and expected outcomes.
3. Demonstrate margination technique. Discuss rationale for margination.
4. Discuss the effects of aging and disability on the periodontium and explain the role of the dental hygienist in care of the patient with age related disabilities.
5. Explain the rationale for maintenance appointments and describe the criteria to consider in selecting appointment intervals.
6. List and describe local delivery agents a dental hygienist can utilize as supplemental care procedures following non-surgical periodontal therapy.
7. Assemble a nutritional analysis of the Case Documentation/ Presentation patient that integrates cultural preferences.
8. Integrate a nutritional analysis into comprehensive patient care, understand how nutrition relates to caries risk assessment. Recognize eating disorders as component of nutritional analysis.
9. Understand rationale and timing of dental hygiene patient education. Collaborate with patient to identify and demonstrate preventive aid plans that are personalized and demonstrate cultural awareness.
10. Describe emergency situations and protocol in the clinical setting.
11. Identify the HIPAA regulations as they pertain to the dental setting.
12. Explain the role of the dental hygienist in the care of the patient with disabilities. Define and understand palliative care, evidence based dental hygiene interventions, and the hygienist's role as part of the palliative team.
13. Describe the etiology of dentin hypersensitivity and the process of differential diagnosis. Differentiate mechanisms of dentin exposure and apply appropriate treatment interventions.
14. Explain mechanisms of action of F in caries prevention. Explain the role of community water fluoridation. Incorporate F therapy into patient prevention plans.
15. Integrate the practice of dental hygiene into a case presentation that demonstrates the application of a more advanced level of dental hygiene knowledge, skills, and attitudes.
16. Demonstrate critical thinking and clinical reasoning skills while examining several case studies.

## Course Goals

1. Integrate the knowledge of multifaceted, advanced patient care into the Dental Hygiene care plan.
2. Demonstrate the ability to assess nutritional needs as it relates to oral health care.
3. Assess, evaluate, demonstrate a broad understanding of a complicated, comprehensive case presentation and be able to answer questions using critical thinking skills.

**Course Outcomes Inventory:** The effectiveness of DHYG 223 is measured by several methods:

1. Completion of all course work with a satisfactory grade.
2. Course evaluations.
3. Analysis of clinical application of material presented.
4. Scores on National and Regional Boards are reviewed and evaluated.