

**SYLLABUS**  
**DHYG 243 Dental Hygiene Seminar IV**

San Juan College

Division: Math, Science and Health Careers

( 2 + 0 + 0 ) 2 hours credit

**CATALOG DESCRIPTION:**

A continuation of information to prepare the student for advanced clinical practice. Provides an in-depth study of dental hygiene care for patients with special needs and provides a forum for evaluation of the service project from Community Dental Health, and synthesis of all dental hygiene knowledge, skills and attitudes into a Case Presentation.

**Semester Offered:** Spring

**Prerequisites:** DHYG 231, 233, 234, 235, 237, and SOCI 110.

**Co-requisites:** DHYG 244, 245, 247, and are enrolled in or completed PSYC 120.

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| <i>Common Student Learning Outcomes</i><br>Upon successful completion of San Juan College programs and degrees, the student will.... |   |
| <i>Learn</i>   | <i>Students will actively and independently acquire, apply and adapt skills and knowledge to develop expertise and a broader understanding of the world as lifelong learners.</i> |
| <i>Think</i>   | <i>Students will think analytically and creatively to explore ideas, make connections, draw conclusions, and solve problems.</i>  |
| <i>Communicate</i>   | <i>Students will exchange ideas and information with clarity and originality in multiple contexts.</i>  |
| <i>Integrate</i>   | <i>Students will demonstrate proficiency in the use of technologies in the broadest sense related to their field of study.</i>  |
| <i>Act</i>   | <i>Students will act purposefully, reflectively, and respectfully in diverse and complex environments.</i>  |

**Course Objectives:**

1. Analyze theoretical basis for clinical activities including topics regarding special needs patients.
2. Accurately describe safety features and universal precautions.
3. plan treatment and predict outcomes based on patient history and clinical evidence
4. describe critical thinking, problem solving and ethical decision making skills
5. Analyze advanced instrument design, functions and applications.

**LEARNING OUTCOMES:** Upon completion of this course the student will be able to:

1. Explain the role of the dental hygienist in providing care for the oral and maxillofacial surgery patient.
2. Develop a plan for dental hygiene care for a patient with cancer before, during, and after therapy and describe the purposes of each step of the plan.
3. Identify dental hygiene care procedures to be considered when providing care to patients with mental and physical disabilities.
4. Explain the types of care necessary and adaptations that must be made by the patient and dental hygienist relating to dental care of the patient with physical impairments and disabilities.
5. Suggest adaptations and dental hygiene care factors to consider for patients with hearing or visual problems.
6. Explain the importance of assessment, dental hygiene care, and emergency care of the patient with a seizure disorder.
7. Differentiate between the classifications of epileptic syndromes and describe dental hygiene care and emergency care services that may be required for this patient.
8. Describe the expected capabilities of the patient with mental retardation and describe alternate methods of teaching basic oral care procedures.
9. Describe frequently encountered psychiatric disorders and relate this knowledge to an understanding of the patient's needs and behaviors.
10. Describe the oral conditions associated with a patient with an alcohol and/or drug related disorder.
11. Describe the role of the dental hygienist in caring for the patient with diabetes and differentiate between Type I and Type II diabetes.
12. Integrate the practice of dental hygiene into a Case Presentation that demonstrates the application of an advanced level of dental hygiene skills, attitudes and knowledge.
13. The student will participate in a community dental health service project as evidenced by patient care in a special needs clinical setting.
14. Identify key nutritional concepts and the relationship to dental disease.

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Office Hours: Mon. 9 – 10 am, 4 – 5 pm; Fri. 8 – 5 pm

### Required Textbooks, Supplies and Materials:

- Clinical Practice of the Dental Hygienist, (1999) 8<sup>th</sup> ed., Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins
- Mosby's Comprehensive Review of Dental Hygiene, 5<sup>th</sup> Edition, (2002), Darby, Michele L., St. Louis: Mosby, Inc.
- Fundamentals of Periodontal Instrumentation, (2000). Nield- Gehrig, Jill and Houseman, Ginger
- Dental Management of the Medically Compromised Patient, 6<sup>th</sup> ed., (2002) Little, James W. et al. St. Louis: Mosby, Inc.

### Supplementary Textbooks and Materials

#### (Refer to current library holdings of texts and publications)

- Dental Hygiene, Concepts, Cases, and Competencies, (2004 Update), Daniel & Harfst. St. Louis: Mosby.
- Color Atlas of Dental Medicine, (1989), 2<sup>nd</sup> 3d. Rateitschak, K. New York: Thieme.
- SJC Dental Hygiene Clinic Manual
- Periodontal Instrumentation: A Clinical Manual, (1991). Pattison A. and Pattison, G., 2<sup>nd</sup>. Ed., Appleton and Lange.
- Dental Hygiene Theory and Practice, (1995). Darby, M. and Walsh, M. Philadelphia: W.B. Saunders Company.
- Comprehensive Dental Hygiene Care, (1993), Woodall, Irene. St. Louis: Mosby
- Contemporary Periodontal Instrumentation, (1996), Schoen, Diane and Dean, Mary-Catherine. Philadelphia: W. B. Saunders Company.
- Current Journals and Literature

### Course Requirements:

- Papers:

#### 1. Special Needs Presentation: 100 points Due: As Assigned by Topic

- Each student will choose one of the special needs topics to present to the class. This presentation should be designed to aid you and your classmates in preparing for the Written National Board exam.
- Utilizing Mosby's Comprehensive Review and Wilkins's texts, formulate the basis for a 30-minute presentation to present to your classmates.

- Look up recognized, quality websites and/or speak with local groups/associations pertaining to your special needs topic to include pertinent information regarding the topic and dental considerations. Nursing and Physical Therapy Assistant students or faculty may be able to aid you with this search. Films, association handouts, etc may be included as part of your presentation.
- Prepare a handout, which summarizes your presentation for your classmates to help them prepare for the National Board exam, (i.e. an outline of a power point presentation.)
- Prepare a disc copy as well as a hard copy of your presentation to turn in at the time of your presentation.

**2. Nutritional Counseling Paper: 50 points      Due Jan 24**

- Each student will keep a diet diary for four days, one of which will be a weekend day.
- Paper will be written according to requirements listed in handout, which will be distributed after the diet diary is completed.

**3. Case Documentation Analysis: 100 points**

**Due: April 25**

- Write a case documentation paper about a patient which addresses the various criteria listed in the appendix. This patient is preferably one of long standing with the clinic; one which the student has treated over the course of the past one or two years and has seen at least 2 times for total patient care.
- This paper should be duplicated as the department will keep one copy.

➤ **Presentation: 50 points      Due: April 25      In Meeting Room 7103  
(Cooper-top Building - Information Technology Center)**

- A formal presentation of the case documentation paper will be held on the last day of class, with Junior students as an audience.
- **A Handout is to be prepared for the audience summarizing the case.**
- The presenters should dress professionally and conduct themselves as if they were presenting to an audience of professionals.
- Visual aids should be utilized:
  - PowerPoint presentation
  - Photographs
  - Study models (Close-up photos of models are ideal for this environment)
  - Overhead graphs, charts, diagrams

## Course Grading Policy:

### Grading Criteria:\*

|              |     |
|--------------|-----|
| Quizzes      | 15% |
| Papers       | 45% |
| Presentation | 20% |
| Exams        | 20% |

### Grading Scale:

|     |             |
|-----|-------------|
| A = | 90-100      |
| B = | 80-89       |
| C = | 70-79       |
| D = | 60-69       |
| F = | 59 or below |

*\*A dental hygienist must exhibit professionalism through the application of a professional code of ethics. Unprofessional conduct will be reflected in the grade and may be grounds for dismissal. Refer to Clinic Manual for further information.*

*\*\*A final grade below a "C" (70%) constitutes dismissal from the Dental Hygiene Program.*

### Instructor's Policies:

Preparation: During this course it is expected that the student prepare for class. This includes reading or viewing the information prior to class. Students should be prepared to participate in active learning discussions in each class on the topic assigned for that day.

Attendance Policy: Students are expected to attend all regularly scheduled classes, labs and clinics. Students are expected to be on time.

Quizzes and Exams: Quizzes and Exams are scheduled throughout the semester and there may be unannounced quizzes at the discretion of the instructor. If the student has adequately prepared for the class there should be little trouble passing these tests or completing course assignments.

Make-Up Policy: A student will not be allowed to make up quizzes (a zero will be given for each missed quiz). If a major examination is missed, it is the student's responsibility to make arrangements with the instructor and schedule a Make-Up Examination. The Make-Up Exam will be different from the one given to the other students and may be oral, written, or a combination of both.

Assignments: Assignments that are not received on time will receive a 10% reduction in grade.

Lab/Clinic Usage: Students are not allowed in the lab or clinic without direct faculty supervision.

Professional Policy: All students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. Please refer to the Dental Hygiene Student Handbook for more information on Professional Qualities.

Accommodations Statement: Students who need accommodations (i.e. note taker, interpreter, special seating, etc.) need to provide accommodation notices to the instructor. Students can contact the Students with Disabilities on Campus (SDOC) Coordinator in the Counseling Center, located in the Clock tower Building, to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.

Course Outcomes Inventory: The effectiveness of DHYG 233 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.

Syllabus compiled by Patricia A. Price 1/5/05