

SYLLABUS
DHYG 243 Dental Hygiene Seminar IV

(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 229, 233, 234, 235, 237. **Corequisites:** DHYG 244, 245, 247 and enrolled in or completed with a C or above PSYC 120.

Semester Offered: Spring.

<i>Common Student Learning Outcomes</i> <i>Upon successful completion of San Juan College programs and degrees, the student will....</i>	
<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 Literature Review and 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.

This syllabus developed by: Tammy Sanderson, RDH
This syllabus reviewed by: Dr. Julius N. Manz

Date: August 27, 2010
Date: August 27, 2010

COURSE GUIDE
DHYG 243

Dental Hygiene Seminar IV

Spring 2008
(2 + 0 + 0) 2 Credit hours

Instructor: Tammy Sanderson, BS RDH, CDHC
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Required Textbooks, Supplies and Materials:

- Clinical Practice of the Dental Hygienist, (1999) 8th ed., Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins
- Mosby's Comprehensive Review of Dental Hygiene, 5th 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, 6th 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), 2nd 3d. Rateitschak, K. New York: Thieme.
- SJC Dental Hygiene Clinic Manual
- Periodontal Instrumentation: A Clinical Manual, (1991). Pattison A. and Pattison, G., 2nd. Ed., Appleton and Lange.
- Dental Hygiene Theory and Practice, (1995). Darby, M. and Walsh, M. Philadelphia: W.B. Saunders Company.
- Current Journals, Literature and Allied Health data bases.

Course Requirements:

- Papers:

1. Patients with Special Needs Presentation: 100 points Due: As Assigned

- Each student will choose one of the special needs topics as listed in the lecture schedule, to present to the class. This presentation should be designed to aid all students in preparing for the Written National Board exam.
- Utilizing Mosby's Comprehensive Review, Wilkins's text, Dental Management of the Medically Compromised Patient, or any other recommended reference listed for the course, students will formulate the basis for a 45-minute presentation for the lecture session.
- 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**. Films, association handouts, etc may be included as part of your presentation.
- A grading rubric will be supplied. Grades are based on the depth and breadth of the presentation. The presentation is **not** intended to be a simple review of the text book chapter.

- Prepare an electronic copy as well as a hard copy of your presentation to submit at the time of your presentation. Please submit the electronic copy to Ms. Honold using the following format for the file name: **YOURlastname topic 10** (i.e.: Honold gastrointestinal 10.doc) It needs to be saved as a Microsoft word file (.doc or .docx extension). If you have a power point, it can be submitted as well.
- Prepare at least 5 multiple choice test questions on the presentation, with the rationales for each answer. This is to be submitted electronically as well. Please use a similar file name format, but add "test" (i.e.: Honold gastrointestinal 10 test.doc)

2. **Literature Review/Research Paper: 100 points** **Due: April 19th**
(Early submission for 10% upgrade is March 19th, with time for revisions allowed).

- Write a research paper about a patient treatment question. Use the research or literature review to support a particular treatment decision. See accompanying guidelines for research review and presentation rubric. This paper should be submitted electronically with the file name being "yourlastname topic seniorpaper 10" (i.e.: Honold alternative practice senior paper 10.doc) This must be in Microsoft word (.doc or .docx) version.

3. **The Great fluoride Debate: 50 points** **April 12th**

The class will be divided into 2 delegate groups: pro fluoridation and anti-fluoridation. Dr. Manz will be our moderator/Mayor of the city. We will have a 4 council members and the rest will be concerned citizens. We will randomly draw characters for each class member. At the end of the discussion, we will have a town vote on the issue. See the Guidelines for further details.

4. **Exams: 200 points** There will be 3 scheduled exams and one final exam- all worth 50 points each.

Course Grading Policy:

Patient Presentation:	100
Literature Review:	100
Great Fluoride Debate	50
Exams:	200
Total Possible points	450

A =	405 - 450
B =	360 - 404
C =	337 - 359
D -	336 and
F=	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" (75%) 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 not receive a grade. However, the student is responsible for this assignment. The student will receive an **incomplete** until the assignment is turned in.

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 243 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.

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