

## SYLLABUS

**COURSE #:** DHYG 223

**COURSE TITLE:** Dental Hygiene Seminar I

**# CREDITS:** 2

**INSTRUCTOR:** Sherry Paxson RDH, BS

**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 110, 112, 113, 114, 115 and 217.

**Co-requisites:** DHYG 224, 227, 231 and enrolled in or completed with a C or above, SPCH 110 or 111.

**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 GOALS:** The student will demonstrate competency at 75% or higher for the following goals evaluated through written exams, case documentation, and classroom discussion/ presentation.

1. Demonstrate the ability to think critically and use problem solving strategies in classroom activities, written assignments and oral presentations.

2. Analyze, explain and demonstrate emergency care procedures for situations common in dentistry.
3. Utilize the Dental Hygiene Process of Care to develop individualized, comprehensive patient care plans that can be effectively implemented in the clinical setting.
4. Utilize multiple professional resources including peer reviewed journals, PICO articles and exercises, computerized library databases and professional consultations to help develop evidence-based patient care plans.

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

1. Evaluate scientific research, and integrate the research into evidence based dentistry.
2. Analyze medical emergencies that may occur in the dental setting such as: unconsciousness, respiratory distress, altered consciousness, seizures, drug related emergencies, chest pain and cardiac arrest including signs and symptoms, common pathophysiology of various conditions and management techniques for each type of emergency.
3. Develop individualized patient assessment protocols based on theoretical framework for comprehensive patient care, taking into account patient's cultural background, psychosocial status and risk factors for oral disease
4. Develop appropriate dental hygiene diagnoses for patients based on detailed dental hygiene assessments including: medical/dental history, extra/intra-oral exams, radiographs, dental exams, periodontal and gingival assessments, plaque maps and other oral health risk assessments.
5. Design health promotion/ disease prevention plans which meet identified patient needs and incorporate appropriate patient self-care strategies using established educational principles.
6. Develop dental hygiene treatment plans with appropriate, evidenced-based therapy and evaluations for children, adolescents, and adults presenting with gingivitis and slight to moderate periodontal disease and other common health problems.
7. Evaluate common oral physiotherapy aids, dentifrice, mouth rinses and other oral self care products and select appropriate items for individual patients.
8. Discuss bottled water and fluoridation.
9. Discuss dental sealants, their benefits, risks and techniques for application.
10. Analyze and discuss dental hygiene instrumentation techniques and the use of mouth mirror, probes, explorers, sickle scalers, universal and Gracy curettes, prophylaxis angles and handpieces.
11. Explain the rationale and technique for sharpening dental hygiene instruments.
12. Discuss the signs of abuse and how dental health care providers can document and report.
13. Discuss various types of oral prosthetic appliances and their care.
14. Describe cultural differences and how they may affect the dental hygiene process of care

15. Describe modification in dental hygiene care for the following special population groups and give examples of oral health conditions that might be evident with these patients:

- a. Pediatric Patients
- b. Preadolescent to Postmenopausal Patients
- c. Pregnant Patients
- d. Diabetic Patients

16. Discuss psychological and physiological aspects of addiction with specific attention to tobacco, alcohol and methamphetamines.

17. Develop patient intervention strategies appropriate for addictions listed above.

This syllabus developed by: Sherry Paxson, RDH

Date: December 11, 2009

This syllabus reviewed by: Dr. Julius N. Manz

Date: December 11, 2209

### Course Guide

**Instructor: Sherry Paxson RDH, BS**

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#### Required Textbooks :

1. Darby, Michelle, Walsh Margaret (2010) Dental Hygiene – Theory and Practice, most current edition, Saunders
2. Pickett, F, Gurenlian, J (most current). The Medical History: clinical implications and emergency prevention in dental settings. Lippincott, Williams and Wilkins
3. SJC Dental Hygiene (current year). Policy and procedure manual “clinic manual”.
4. Refer to current library holdings of texts and publications

#### Grading Criteria:\*

Emergency Prevention Quizzes	15%
Cultural paper and presentation	10%
Group Panel Discussion & Research	10%
Patient Case Documentation	10%
Examinations & Final	45%
Attendance/ Participation	10%

#### Grading Scale:

A=90-100
B=80-89%
C=75-79%
D=65-74 % *
F= below 65%

*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%) will interrupt a student’s progress through the Program and may result in dismissal from the Program. If you are having trouble with this course, it is your responsibility to contact the professor immediately and arrange for tutoring or other assistance.*

**Integration with DHYG 224 Clinic:**

DHYG 223 is the theoretical basis for clinical activities that take place in DHYG 224 clinics. These courses have very similar objectives. They are graded separately but one must do well in both courses to understand what to do in either course. The evaluation systems are different but relate well to each other. Expect that written exams and projects will often contain information/ activities that are incorporated into clinic. Student partners for seminar/lab activities and for clinic are assigned. Unit assignments and rotations have been developed for Spring '10 and will be found in the DH 224 Syllabus.

**Reading Assignments**

Reading assignments are included in the course schedule that is combined with DH 224 schedule. See the attachment.

**Criteria for Required Course Activities**

Directions and criteria for completing the Case Documentation, Cultural activity, and Group Panel Discussion and associated paper, as well as other required course activities will be handed out in class and discussed in detail.

**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 and to be on time. Please contact the instructor by phone or e-mail if you will be absent from class. Students should arrange with classmates to collect class handouts, and lecture notes whenever possible.

Make-Up Policy: 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 may be either oral or written. The grade for the Make-Up Exam will have a 10% deduction in grade unless there are severe extenuating circumstances related to missing the exam.

Assignments: Assignments that are not received on time will receive a 10% reduction in grade for each day the assignment is overdue.

Extra- credit work: Additional work assignments may be available at the professor's discretion for students who are not passing exams. It will be graded "pass- fail" and will be entered in the grade book as a 75% for the exam it is to replace.

**Mid-Term Conference:** Students must schedule a midterm conference with the instructor and bring the Graduation Notebook. Be sure it is well-organized and as complete as possible.

**Professional Policy:** All students are expected to participate in an active, productive way that enhances learning for all in the classroom and clinical settings, and, to deal with conflict in a constructive way. Students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements.

**Academic Dishonesty:** Students are expected to read and abide by the SJC Rules related to Academic Honesty. Unethical and unprofessional activities will not be tolerated. Refer to the Dental Hygiene Manual and the SJC Catalogue for more information

**Necessary Changes:** The professor reserves the right to modify this syllabus, make changes in the course content, course sequence/ schedule and assignments to meet the needs of students and/or the Dental Hygiene Department. Modifications will be presented in writing and will become part of the criteria for final assignments and grading.

**Supplemental Educational /Professional Activities:** It may be necessary for students to participate in activities outside of scheduled class time. These activities will be related directly to professional development. Required activities are listed on the course schedule. Extra credit or compensatory time will be given for activities not listed on the course schedule. Related travel, meals, course fees, or other expenses are the student's responsibility.

**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.

**Accommodations Statement:** Students with learning disabilities need to provide accommodation notices to the instructor. Contact the Students with Disabilities Coordinator in the Counseling Center to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.

**Reading Assignments & Lecture Schedule:** The reading assignments and lecture schedule are on a separate document.