

DHGY 113 SYLLABUS Fall '04**COURSE #: DHYG 113****COURSE TITLE:** PreClinical Dental Hygiene Seminar**CREDITS: 3****CATALOG DESCRIPTION:**

This course is offered concurrently with DHYG 114 (PreClinical Dental Hygiene) to provide dental hygiene students with the introductory knowledge, skills and attitudes to function in the clinical setting and be able to continue in clinical dental hygiene courses. Emphasis is placed on scientific principles and current theory, prevention of disease transmission, ethical and professional treatment of patients, clinical learning preparation, and comprehensive care of the patient. Prerequisite Courses: All of the following courses must have been completed with a "C" or above: BIOL 121, BIOL 252, BIOL 258, BIOL 224, ENGL 111, MATH 113 or above, and admission into the Dental Hygiene Program. Co-requisite: DHYG 110,112, 114, 115 and 217.

DENTAL HYGIENE COMPETENCIES: This course will provide students with the opportunity to develop basic professional competencies in the Dental Hygiene Core Competencies, Health Promotion and Disease Prevention, Patient Care and Professional Growth and Development competencies outlined in the SJC Dental Hygiene Manual. For each competency evaluated in this course a 75% accuracy is required.

SAN JUAN COLLEGE COMMON STUDENT LEARNING OUTCOMES:

Upon successful completion of San Juan College programs and degrees, the student will...

- Learn:** 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.
- Think:** Students will think analytically and creatively to explore ideas, make connections, draw conclusions, and solve problems.
- Communicate:** Students will exchange ideas and information with clarity and originality in multiple contexts
- Integrate:** Students will demonstrate proficiency in the use of technologies in the broadest sense related to their field of study.
- Act:** Students will act purposefully, reflectively, and respectfully in diverse and complex environments.

COURSE GOALS: The student will:

1. Explain the application of basic theoretical background necessary to ensure a safe and effective clinical environment for both clinician and patient.
2. Develop a theoretical framework for comprehensive patient care that is evidence-based and can be applied in the preclinical and clinical settings throughout the course of this professional program.
3. Develop critical thinking and problem solving skills which will help integrate theory into practice in the preclinical and clinical settings and will be applied to case studies.
4. Model professional behavior at all times.

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

1. Discuss the role of the professional dental hygienist, the dental hygiene process of care and factors that influence clinical practice.
2. Explain the importance of infection control, asepsis and OSHA Standards and identify methods of prevention of disease transmission including:
 - a. use of personal protective devices
 - b. use of universal precautions and general asepsis
 - c. proper unit and operatory maintenance
 - d. proper instrument preparation
 - e. use of the Statim and Autoclaves
3. Discuss the importance of the patient's personal, medical and dental health history and develop appropriate interviewing techniques that involve the patient and lead to consent for treatment.
4. Demonstrate record keeping skills that meet medico-legal requirements including signatures of supervising clinicians and apply this knowledge when presented with case scenarios reflecting comprehensive patient care.
5. Explain the objectives and procedures of the following patient assessments and their relationship to providing comprehensive patient care:
 - a. medical/dental history
 - b. vital signs
 - c. extraoral and intraoral examination including common pathological conditions
 - d. dental examination including clinical recognition of dental caries
 - e. periodontal examination including gingival description and probe score charting
6. Explain the importance of patient assessment and apply this knowledge when presented with case studies reflecting comprehensive patient care.
7. Discuss caries, gingivitis and periodontal disease development and identify contributing factors to this development and basic oral self care strategies designed to eliminate or control these conditions.
8. Identify educational strategies employed in effective health promotion and oral disease prevention.
9. Provide rationale for the use of fluoride and chemotherapeutic agents for oral hygiene care.
10. Recognize dental deposits including plaque, calculus and stains and describe their origin and influence on oral health.
11. Demonstrate the basic instrumentation procedures for removing dental calculus and extrinsic stains and soft deposits using the following equipment.
 - a. mirror
 - b. explorer
 - c. probe
 - d. sickle scalers
 - e. universal curets
 - f. dental handpiece
 - g. disclosing agents, toothbrush and floss
12. Explain the procedure of developing a dental hygiene care plan and provide rationale for its use in comprehensive patient care.
13. Describe the fundamental procedures associated with ethical and professional treatment of patients in the SJC clinic.
14. Discuss behavior management techniques for patients in the SJC clinic.

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Office Hours: Wed.1:00-2:00, 3:00- 5:00, Fri 8:00-12:00- 1:00-4:00 or by appointment.

**Required Textbooks,
Supplies and Materials:**

1. Mosby's Dental Hygiene Concepts, Cases, and Competencies
Daniel, SJ, Harfst, SA, Mosby, Inc, St Louis, 2004.

2. Fundamentals of Periodontal Instrumentation & Advanced Root
Instrumentation, Nield- Gehrig, JS, Lippencott, Williams, Wilkins,
Philadelphia, 2004.

3. SJC Dental Hygiene Program, Policies and Procedure Manual ,
2004-2005, ("Clinic Manual")

4. Mosby's Dental Drug Reference, 6th Ed. Gage, TW, Pickett, FA.
Mosby, St Louis, 2003

**Supplementary
Textbooks**

1. Clinical Practice of the Dental Hygienist, (1999) 8th ed., Wilkins
Esther, Philadelphia, Lippincott, Williams & Wilkins

2. Reference books and professional journals.

Integration with DHY 114 Preclinic:

DHY 113 is the theoretical basis for pre-clinical and clinical activities that take place during DHY 114 Pre-clinical laboratories. 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.

Graded Components of DHY 113:

- ❖ 8 Written Exams
- ❖ 1 Paper on Dental Plaque/ Biofilm
- ❖ 1 Case Study. (2rd Case Study if not attending NM DH Scientific Session)
- ❖ Class Attendance and Participation
- ❖ Chamber of Commerce Health Fair, Mock Boards, NMDHA Meeting
- ❖ Final Comprehensive Examination

Grading Criteria: 75% Minimum Grade

Exam 5% each	= 40%
Paper	= 10%
Case Study	= 10%
Class Attendance & Participation	= 10%
Health Fair, Mock Boards, NMDHA	= 10%
Final Written Exam	= <u>20%</u>
.	
Total	= 100%

Grading Scale:

A= 90- 100%
B= 80- 89%
C= 75- 79%
D= 60- 74%**
F= below 60%**

*** 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.*

Instructor’s Policies:

Preparation: It is expected that students 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.

Make-Up Policy: If an exam 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 different from the one given to the other students and may be oral, written, or a combination of both. *The grade for the Make-Up exam will have a 5% deduction in the grade achieved.*

Assignments: Case Studies/ Papers - not received on time will receive a 5% reduction in grade.

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

Academic Dishonesty: Unethical and unprofessional activities will not be tolerated. Refer to the “Clinic Manual” and the SJC Student Handbook for more information.

Graduation Notebooks: Students will prepare a large three-ring notebook to contain required information to document progress towards graduation requirements. See the SJC Clinic Manual for more details.

Course Outcomes Inventory: The effectiveness of DHYG 113 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 who need accommodations (i.e. notetaker, 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 Clocktower Building, to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.

Student Partners: Students will assigned partnership for many projects and clinical activities. Unless otherwise instructed, partners are to work together on assignments.

Course Schedule & Reading Assignments: DH 113 and DH 114 are integrated and the schedule for activities and reading assignments will be found on a separate sheet.