

SYLLABUS
DHYG 244 CLINICAL DENTAL HYGIENE IV

San Juan College

Division: Math, Science and Health Careers

(0 + 0 + 12) 3 hours credit

Catalog Description:

The clinical sessions combine both basic and advanced dental hygiene skills with time management techniques essential for private practice. Comprehensive patient care to include assessment, dental hygiene diagnosis, treatment planning, implementation and evaluation of dental hygiene care, nonsurgical periodontal therapy, adjunct clinical procedures, ultrasonic instrumentation, patient management, sealants, and comprehensive programs for control of dental diseases will be emphasized. Practical experience is simultaneously related to theory. Course consists of faculty supervised patient treatment in the clinic.

Semester Offered: Spring

Prerequisites: DHYG 231, 233, 234, 235, and 237 and SOCI 110. Co-requisites: DHYG 243, 245, and 247 and enrolled in or completed PSYC 120.

<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

1. The student will apply the theory, concepts, and skills involving comprehensive patient care at an advanced level to patients with AAP Class I, II, III, and IV with a clinical competency average of 85% or higher.
2. The student will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation as evidenced by an 85% or higher accuracy on learning assessments.

General Learning Objectives

- Expand patients' awareness of relationship between systemic and oral health
- Encourage patients' responsibility for oral health and role in successful therapy
- Recognize and respond to patients' psycho/social issues
- Effectively communicate with peers, patients, faculty and other health care providers
- Demonstrate critical thinking, problem solving and ethical decision making skills
- Demonstrate effective team partnerships
- Develop collaborative treatment modalities with partner, patient, dentist and other health professionals
- Select and use appropriate indices and assessments for initial, outcomes/ re-evaluation and health maintenance visits; i.e.: general health evaluation, intra-oral and extra-oral assessment, periodontal and dental evaluation, radiographic evaluation, functional occlusion, nutritional assessment.
- Evaluate the needs of patients, analyze the impact of assessment findings on treatment and prognosis and develop treatment plans and case presentations that recognize and incorporate the complexity of all patient needs
- Provide individualized treatment, education and patient care i.e., temporary restorations, debridement, root planing, margination, polishing restorations, antimicrobial therapy, sealants, desensitization, and nutritional counseling, referral for general or oral health concerns, pain and anxiety control, education, patient skill enhancement and appliance care.

- Provide individualized dental hygiene services to promote patient health on a variety of patients including children, adults, elderly, special needs, low income, edentulous/partially edentulous, bedridden and dependent.
- Increase production while maintaining quality
- Comply with OSHA standards
- Maintain equipment and units
- Improve scheduling and record keeping skills
- Provide support services for safe and efficient clinic i.e., office, sterilization, radiographic, and assisting duties

****Several of these skills are learned in DHYG 221 (Dental BioMaterials) to lab competence. Students will perform these skills, when appropriate, to clinical competency during clinic under direct supervision of faculty.*

COURSE GUIDE

DHYG 244

Clinical Dental Hygiene IV

(0 + 0+ 12) 3 credit hours

Instructor: Patricia Price, RDH, M. Ed Office Phone: 566- 3138 Clinic Phone: 566-3126

Office: 55324

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) 8th ed., Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins

Supplementary Textbooks, Supplies and Materials:

- Dental Hygiene, Concepts, Cases, and Competencies, (2004 Update), Daniel & Harfst. St. Louis: Mosby.
- Fundamentals of Periodontal Instrumentation, (2000). Nield - Gehrig and Houseman. Philadelphia: Lippincott Williams & Wilkins
- Dental Hygiene Theory and Practice, (1995). Darby, M. and Walsh, M. Philadelphia: W. B. Saunders Company.
- Mosby's Dental Drug Reference, (2003) 6th Editon. Gage, T. and Pickett, F. St. Louis: Mosby.
- Color Atlas of Dental Medicine, (1989), 2nd ed. Rateitschak, K. New York: Thieme.
- SJC Dental Hygiene Clinic Manual
- Current Journals and Literature
- Uniforms and Instrument Kit

Instructor's Policies:

Preparation: During this course it is expected that the student prepare for class. This includes reading or viewing information prior to class. Students should be prepared to participate in active learning discussions in each class on the topic assigned for that day. Students are also expected to have patient charts reviewed and case presentations prepared prior to team meeting times.

Attendance Policy: Students are expected to be on time. **Attendance is required at all clinic sessions. If there are more than 9 hours of absence or patient cancellation, the student must make arrangements to make up the time.**

- Students must attend all clinic sessions and assigned internal rotations. If a patient cancels an appointment, or the student must be absent due to illness, etc., it is the student's responsibility to contact and reschedule the patient, and contact Patty Price (566-3138) and Shirley Chester in the clinic office 566-3126 before the clinic session begins.

Any cancellations over 9 hours must be made up with patient care. If there is a cancellation that cannot be filled, the student must be engaged in an educational activity for the entire clinical session. *This does NOT include studying for other classes.* Nor is it a time to write your papers or organize your notebooks. Acceptable activities include:

- Completing clinic skill evaluations
- Taking radiographs for other students
- Assisting other students utilizing 4-handed techniques.
- Reviewing Mini-Case studies (see options in clinic)
- Researching topics relating to patient care (see options in clinic)

Faculty may help identify acceptable activities but the student is responsible for taking the initiative to develop an appropriate learning experience.

Cancellation hours (over 9) may be made up by providing patient care in open chairs available in other senior clinic sessions. See Patty to schedule this time.

Quizzes and Exams: Generally speaking, this lab does not participate in conventional quizzes and exams. Clinical Skill Evaluations, Clinical Competencies, Mini-Mock Boards, and Mock Boards can be considered a form of quiz or exam, as the student must perform these skills without any input from the observing faculty.

- Clinical Skill Evaluations: Eight advanced clinical skill evaluations must be completed by the end of the second year. All clinical skill evaluations must be completed to a Competency level or they must be repeated until competency is reached. The following skill evals must be completed during the second

year of clinic.

1. Sealant
2. Air polish
3. Ultrasonic
4. Desensitization
5. Amalgam polishing
6. Margination
7. Appliance Care
8. Anti-Microbial placement

- **Clinical Competency Exam: A clinical competency exam must be completed prior to the WREB Mock Board Exam.** The competency exam differs from a mini-mock board in several ways. The competency exam requires only three (3) teeth to complete; it is an evaluation of calculus detection, hand instrumentation, ultra-sonic instrumentation, and root-planing. The competency exam requires one faculty person evaluating all aspects, should be completed within one clinic session, and requires specialized planning to accomplish this. All three selected teeth should be completed for the exam prior to completion of the quadrant. See the competency exam form for more information.

This exam must be passed with an 85% to obtain a passing score

- **Mini-Mock Boards: A minimum of three (3) mini-mock boards must be completed prior to the WREB Mock Board exam.** A mini-mock exam is to take place in the course of one clinic session, with the same faculty person doing the calculus detection as well as the calculus removal. The following are requirements for each mini-mock:
 - ❖ One quadrant with at least one molar in proximal contact,
 - ❖ 8 moderately clickable pieces of subgingival calculus,
 - ❖ At least 3 pieces of calculus on posterior teeth,
 - ❖ All calculus is to be removed with hand instruments only with no input from facultyIf the student is having too much difficulty and needs instructional input from faculty, the mini-mock may be halted and instruction take place.
- **WREB Mock Board Exam:** A mock board exam based on the Western Regional Examining Board clinical exam is scheduled for April 8th, 2005. All attempts to find a WREB acceptable patient are to be made for this exam.

This exam must be passed with an 85% to obtain a passing score.

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.

Course Outcomes Inventory: The effectiveness of DHYG 244 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. 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 Clocktower Building, to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.

Clinic Grading:

Clinic is a Graded class. To pass clinic a minimal grade of "C" is required. To achieve a "C", 75% of the total possible points is required on the minimal activities listed below. To achieve a grade of "B" or higher, additional clinical activity or high levels of achievements on certain graded procedures will provide additional points toward achieving a score of 100 points or above. All clinical skill evaluations MUST BE COMPLETED by the end of the semester in order to pass clinic.

Graded Clinical Activities	C = Avg	Explanation or Additional Points Earned towards Higher Grade	Notes
Minimal Patient Requirements <ul style="list-style-type: none"> • 3 Active case type III with comprehensive therapy and re-evaluation • 5 Case type II Maintenance or higher • 4 Case type I/O Adult or higher ○ 12 Total Patients	42 pts	Pts awarded for extra patients: 10 for Class IV Active 9 for Class III Active 8 for Class IV Maintenance 7 for Class III Maintenance 5 for Class II Active 4 for Class II Maintenance 3 for Class I Adult 1 for Class O Adult 1 for Youth or Pedo	<ul style="list-style-type: none"> • All requirements deficient from fall semester must be made up. • 1 Child can be from Give Kids a Smile Clinic • No more than 4 Case Type I/O may be seen.
Goal Sheets / Rotation Evaluations/ Daily Clinic Log: 1 for every clinic session * Points will be deducted for unacceptable scores in the professional qualities box.	12	15 = complete, organized, clear and consistent evidence of critical thinking and thoughtful self-eval 12 = complete, usually shows evidence of critical thinking/ thoughtful self-eval 10 = missing some entries, little effort in critical thinking and/or self-eval ≤ 8 = missing entries, lack of effort in critical thinking and/or self-eval or low overall grade on several sheets	When on rotations, complete both a Goal Sheet and an Evaluation for the Rotation. Make entries in Daily Clinic Log. Have all forms signed
Clinical Skill Evaluations (CSE's) Required to Pass: These CSE's are to be completed either during clinic or as part of a lab/ rotation as identified by the course instructor.	3	1 Point for each CSE at Competent level – All CSE's must be at competent level.	<u>CSE's to Complete Sr Yr</u> Sealant Air polish Ultrasonic Desensitization Amalgam polishing Margination Appliance Care Anti-Microbial placement
Competency Exam 85%	5	95-100%= 10 points 90-95% = 8 points 85-89%= 5 points	If less than 85%, a second exam must be taken and a score of 85% attained.
Mock Board Score 85%	5	95-100%= 10 points 90-95% = 8 points 85-89%= 5 points	If less than 85%, a second exam must be taken and a score of 85% attained.
Mini Mock Board Avg = 85%	2	95 – 100% = 4 pts 90 – 95 = 3 pts 85 – 90 = 2 pt	Minimum of 3

Mentor Meetings/ Faculty Evaluations *one point will be deducted for each failure to turn in a faculty evaluation.	5	8 Points = Followed through with Faculty Requests to meet or made own requests for needed assistance. 5= Midterm Progress meeting scheduled and completed in timely manner 0 = Did not meet with faculty	A minimum of two mentor meeting required per semester 2 faculty evaluations due per semester
Graduation Notebook	5	10 = Complete, excellent organization 8= Complete & good organization 5 = Minor items missing and/or not well organized 0= Many items missing and/ or very unorganized	
Patient Surveys 0-3 points possible	1	3= all patients surveyed, excellent reviews, 2 = majority patients surveyed and/or good reviews 1= majority patients surveyed and average reviews 0= less than 50% surveyed and /or poor reviews	Required both semesters
Attendance: 10 points possible. Points are only earned for regularly scheduled clinics and required Friday clinics. No more than 9 hours of cancellations or absences.	5	10 points earned for patient tx or rotation for all clinics. 8 points earned for clinic time without a patient, but time used effectively. 1 – 3 points deducted for unexcused absence or poor utilization of time.	All time over 9 hours MUST be made up with patient care hours.
Radiography: <ul style="list-style-type: none"> • 3 – FMX • 2 – Pano • 2 – Vert. BWX • 2 – Mixed dent. BWX or Pedo BWX • 2 - Occl. 	22	Grading must include both technique and interpretation (1 pt for each acceptable gradesheet) Grade sheets must be in Graduation notebook for each type of required radiograph. No additional points earned, however requirements may have been met during previous semesters	Graduation Requirements <ul style="list-style-type: none"> • 8 – FMX • 6 – Pano • 6 – HBWX • 4 – Vert. BWX • 4 – Mixed dent. or Pedo BWX • 4 – Occl.
Patient list of All patients (Required for pass)		Pass = list provided on disk in Excel format or email as well as hard copy in grad notebook	Incomplete grade will be recorded until both forms of list are provided.
Total 142+ points possible	75% of 142 = 107 pts	A= 90-100% B= 80-89% C= 75-79% D= 60-74%* F= BELOW 60%	* Final Grade below 75% constitutes dismissal from the Dental Hygiene Program. See Manual

- 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.

Prepared by: Patricia Price, RDH, M.Ed 1/2005