

SYLLABUS

DHYG 234 CLINICAL DENTAL HYGIENE III

3 hours credit

Catalog Description:

A continuation of clinical skills, patient assessments, treatment and appointment scheduling, preventive techniques and application of dental hygiene procedures at the intermediate to advanced level. Work-based instruction that helps students synthesize new knowledge, apply previous knowledge or gain experience managing the workflow. Practical experience is simultaneously related to theory. Direct supervision is provided by the clinical faculty. **Prerequisites:** DHYG 221, 225

Corequisites: DHYG 229, 233, 235, 237 and enrolled in or completed with a C or above, SOCI 110.

Semester Offered: Fall.

<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 intermediate to advanced level to patients with AAP Class I, II, and III 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 a 85% or higher accuracy on learning assessments.

Learning Outcomes

- Communicate patients' awareness of relationship between systemic and oral health
- Refer patients who may have a physiologic, psychological, and/or social problem for comprehensive patient evaluation.
- Communicate effectively 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

- Demonstrate self assessment each clinic session through daily clinical evaluation
- 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, and vitality testing**.
- 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.: debridement, root planing, margination, polishing restorations, antimicrobial therapy, sealants**, desensitization, referral for general or oral health concerns, pain and anxiety control, education, patient skill enhancement, 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, homebound, bedridden and dependent.
- Evaluate effectiveness of the implemented clinical, preventive and educational services and modify as needed.
- Increase production while maintaining quality

LEARNING OUTCOMES – ROTATIONS

RADIOLOGY/STERILIZATION: Upon completion of the rotation, the student will be able to:

1. Employ teamwork necessary for efficient dental clinic operations.
2. Assemble, disassemble, and utilize the automatic processor.
3. Critically evaluate and troubleshoot processing errors.
4. Critically evaluate and troubleshoot mechanical problems.
5. Anticipate and manage the needs of multiple clinicians.
6. Manage the clinic supply system.
7. Operate and maintain sterilization equipment.
8. Maintain the chain of asepsis during the sterilization process.
9. Demonstrate proper and appropriate use of PPEs during sterilization and radiology.
10. Adhere to OSHA Guidelines.
11. Ensure that cassettes are correctly labeled and returned to the correct clinician.

CLINICAL ASSISTANT: Upon completion of the rotation, the student will be able to:

1. Employ teamwork necessary for efficient clinic operation.
2. Use proper and appropriate PPEs and adhere to OSHA Guidelines.
3. Operate and maintain clinical equipment.
 - a. Vacuum
 - b. Compressor
 - c. Water system
4. Use acceptable 4 handed techniques.
5. Manage the clinic supply system.
6. Direct an efficient clinic flow.
7. Assist clinicians and faculty in the overall function of the clinic.

8. Independently evaluate, determine and meet the needs of other clinicians.
9. Maintain the general cleanliness and orderliness of the clinic.

OFFICE ASSISTANT: Upon completion of the rotation, the student will be able to:

1. Operate and maintain office equipment.
 - a. Computer
 - b. Copier
 - c. Fax
 - d. Shredder
 - e. Phone system
2. Adhere to HIPPA regulations.
3. Utilize practice management software.
4. Provide excellent customer service
5. Independently evaluate, determine and meet the needs of multiple clinicians.
6. Manage data entry.
7. Critically evaluate and audit charts.
8. Maintain a clean and organized office space.

*** 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.

This syllabus developed by: Tammy Sanderson, RDH

Date: August 31, 2010

This syllabus reviewed by: Dr. Julius N. Manz

Date: August 31, 2010

COURSE GUIDE**DHYG 234****Clinical Dental Hygiene III****(0 + 0+ 12) 3 credit hours****Instructor: Tammy Sanderson, RDH, BS****Office Phone: 566-3768****Office: 55322****Office Hours: Mon. 9-10, Wed. 10-12, Thurs. 3-4 or by****appointment****Required Textbooks, Supplies and Materials:**

- Clinical Practice of the Dental Hygienist, (2005) 9th ed., Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins
- Dental Hygiene, Concepts, Cases, and Competencies, (2004 Update), Daniel & Harfst. St. Louis: Mosby.
- Fundamentals of Periodontal Instrumentation 5th Edition, (2004). Nield - Gehrig and Houseman. Philadelphia: Lippincott Williams & Wilkins
- Dental Hygiene Theory and Practice, (1995). Darby, M. and Walsh, M. Philadelphia: W. B. Saunders Company.

Supplementary Textbooks, Supplies and Materials:

- Drug Information Handbook for Dentistry, 10th Edition, (2005). Wynn, R. Meiller, T. and Crossley, H. Ohio: Lexi-Comp.
- Color Atlas of Dental Medicine, (1989), 2nd ed. Rateitschak, K. New York: Thieme.
- SJC Dental Hygiene Policy and Procedures 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.

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, or accept the appropriate grade.**

- 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 Second Year Clinic Coordinator (Tammy Sanderson) (566-3768) and the Clinic Administrative Assistant (Dalene Meek) 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
- Practicing instrumentation skills
- Practicing anesthesia
- Taking radiographs for other students
- Sharpening instruments
- Case studies (see options in clinic)
- Research (see options in clinic)
- Faculty will identify acceptable activities and the student is responsible for taking the initiative to develop an appropriate learning experience.
- Hours (over 9) may be made up by providing patient care in open chairs available in other **senior** clinic sessions. See Tammy Sanderson to schedule this time.

Minimal Patient Requirements: There will be a minimum of Nine (9) patients completed with comprehensive care required for Clinic III. The following is a breakdown of the type of patients required to give each student a variety of experiences and levels of difficulty. Minimal patient requirements must be met in order to move on to clinic IV. See grading rubric for comprehensive grading of clinic III.

Minimal Patient Requirements

2 Difficult with reevaluation

2 Moderate

3 Easy

1 Youth

1 Pedo/mix

See clinic grading rubric in clinic notebook to determine difficulty of patient.

You will receive 11 points upon completion of the minimal patient requirements. Once the minimal patient requirements have been met, you may earn extra points for each additional patient.

Difficult patient WITH reeval = 3 points

Moderate adult = 2 points

Easy adult or youth = 1 point

Pedo or mixed = .5

The maximum points available is 15

Record all dental hygiene services and clinical activities: It is the student's responsibility to record clinical activities on the attached Requirement Log, Case Management forms, Daily Evaluation sheets and other records attached to this syllabus or distributed in class. These records and the supporting documents are to be placed in the student's Graduation Notebook.

Team Meetings: All students (except the person on Office Rotation) and all faculty are to attend and participate in Team Meetings before and after clinic sessions. Each student scheduled to see a patient will present the "Patient case" at the pre-clinic team meeting using acceptable format. At the end of the clinic session, students will have about fifteen minutes to write up charts and get faculty signatures before the team meeting. This will allow time for discussion during the team meeting about the learning that took place during clinic. (See the SJC Clinic Manual for further information.)

Unit Assignments/ Rotation Schedules: See the attached sheets for assignments. Students on rotation will be evaluated using specified criteria on forms to be signed by clinical faculty assigned to supervise the rotation. The Clinic Administrative Assistant will evaluate the Office Rotation and the Department Assistant will help evaluate students on sterilization and radiology. **Students are NOT to trade rotations without the express consent of the course instructor.**

Mini Mocks

- 4 mini mocks at 85%:

All mini mock attempts will be averaged for final grade. Maximum 2 mini mocks per patient. Patient must have **WREB clickable calculus**. Please see mini mock guidelines for complete patient criteria.

CSE:

Semester CSE's:

The following CSE's must be completed at 85% by the end of the Semester

- Ultrasonic
- Air Powder Polish

Year end CSE's:

The following CSE's must be completed at 85% by the end of clinic IV in order to graduate.

- Bleaching
- Desensitization
- Antimicrobial placement
- Margination

Competency exam:

- **Clinical Competency 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. You MUST preschedule this exam with the coordinator. ONLY two competencies will be

conducted each clinic session.**Radiology Requirements:**

All radiology requirements must be completed at 85%. See graduation radiology requirement sheet for each semester requirement. All radiographs must be graded within two weeks of exposure.

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

While many of the evaluations and competencies have deadlines, it should be noted that the student should try to complete these requirements **before** the due date. This essentially allows the student to advance at his/her own pace and skill level.

Daily Clinical Evals: (DCE)

Each student will have their clinical performance graded for each day they are scheduled in clinic. This semester there will be 31 clinical days possible for each student. If a student has an EXCUSED absence as deemed acceptable by the instructor, the scale will be adjusted.

There are 31 clinic days, 10 possible points per day. The grading scale will be:

116 = 75%

155 = 80%

194 = 85%

232 = 90%

271 = 95%

310 =100%

Pass Fail Section:

There are requirements that must be completed in order to pass clinic. These requirements will not receive a letter grade, just **Pass** or **Fail**. If they are not completed, you will **not** pass clinic.

These requirements are:

- Reflection papers turned in on time
- Attendance
- Radiology Retake Log
- Chart Audit Log

■ Patient List: Students are to keep a list of patients assigned and/or independently recruited. This list can be generated from Eaglesoft and should be printed at the end of each semester and kept in the graduation notebook.

■ Lab/Clinic Usage: Students are not allowed in the lab or clinic without direct faculty supervision. No patient is to be seated in the clinic until a faculty person is on duty.

Professional Policy: All students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. DCE will be used to assess professionalism in the clinic. They are to be completed for every clinical session. Professional dress and demeanor are expected at all times. When in the clinical setting, students are expected to wear clean scrubs, clinic shoes, lab coats with name tags and radiation badges. Conservative jewelry and make-up are acceptable. No body piercings or tattoos should be visually evident when in clinic dress.

Health & Safety: Students are expected to follow all safety procedures; infection and radiation control protocol and be prepared to manage emergency situations as they arise.

Chart Entries: All chart entries are to be made at the time of service and all required faculty signatures must be secured from the faculty who supervised your activity. Any changes in the chart such as a change in the periodontal or dental diagnosis etc, must be approved by faculty, and an entry about the change must be made in the treatment notes. All no show, cancellation of appointment and phone contacts with the patient must be entered in the Treatment Notes in the patient's chart. Faculty must sign off the chart entry.

Reflection Papers: Students will be required to write a paper reflecting on the clinical experiences of that month. It should include; strengths, struggles, accomplishments, and goals for the upcoming month, and how you plan to achieve those goals. These papers are due the first Monday of each month, and will be placed in the graduation notebook after review by the instructor.

Case Management Forms A duplicate form must be completed on every patient seen in the clinic. Details about these forms will be discussed in class. These forms will become part of the Graduation Notebook.

Graduation Notebook: This must be kept up to date and be available in the dental lab. The graduation notebook must remain in the clinic classroom. It contains HIPAA sensitive material. **DO NOT TAKE THIS HOME.** It is to be brought to faculty conferences.

Patient Satisfaction Surveys: At the completion of patient treatment, the patient will be asked to complete a survey and return it to the Clinic Administrative Assistant. These are evaluated and any negative reports are discussed with the student during the required student conferences at midterm and/or at the end of the semester.

Course Outcomes Inventory: The effectiveness of DHYG 224 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 for learning disabilities need to provide accommodation notices to the instructor through the SJC Counseling Dept.

SJC Rules for Academic Honesty: Students are expected to read and abide by the college rules and the ADHA Code of Ethics.

****** Students are expected to abide by the policies and procedures outlined in the SJC Dental Hygiene Policies and Procedures (Clinic Manual).

Clinical Grading Rubric

Percentage weight of grade

Evaluation Item	Preclinic	Clinic I	Clinic II (summer)	Clinic III	Clinic IV
CSE's	40	15	20	5	5
Mini-Mocks	0	20	30	25	25
Competencies	20	15	0	20	20
Radiology	0	10	0	10	10
Daily Clinic Evaluation	40	25	35	25	25
Patient care points	P/F	15	15	15	15
Total	100	100	100	100	100

Graduation notebook must be completed by end of semester, with all sections and documents in proper order.

Sample student grade:

1. All Pass/Fail items must be completed for a Pass in those sections.

<u>Item</u>	<u>Student Grade</u>	<u>% of weight</u>	<u>total points</u>
CSE-	93% average	5	= 4.65
Mini-mock	79% average	25	=19.75
Competency	85% average	20	=17.0
Radiology	90% average	10	= 9.0
Patient Care	90%	15	=13.5
<u>DCE</u>	<u>85% average</u>	<u>25</u>	<u>=21.25</u>

Total 85.15 = B

Grade Scale:

90-100% = A

80-89% = B

75-79% = C

Requirements Fall 2010:

Patients:

Difficult with reeval _____

Difficult with reeval _____

Moderate _____

Moderate _____

Easy Adult _____

Easy Adult _____

Easy Adult _____

Youth _____

Pedo/Mix _____

Others _____

Radiology

FMX _____

FMX _____

4 HBWX _____

4VBWX _____

Digital Experience _____

Pano _____

Pano _____

Pedo Bwx _____

Occlusal _____

CSE:

Ultrasonic: _____ Air powder _____

By the end of senior year:

Antimicrobial _____ Desensitize _____

Margination _____ Bleach _____

Mini Mock

1 _____ 2 _____

3 _____ 4 _____

Others _____

Competency Exam _____