

COURSE #: DHYG 224**COURSE TITLE:** Dental Hygiene Clinic I**CREDITS:** 3 (0+0+12)**CATALOG DESCRIPTION:**

Introduction to the clinic and patient clinical skills, patient assessment, treatment and appointment scheduling, preventive techniques and application of dental hygiene procedures in the clinical setting. Practical experience is simultaneously related to theory. Direct supervision is provided by the clinical faculty.

Prerequisites: All of the following courses must be completed with a "C" or above: DHYG 110, 112, 113, 114, 115, 217,

Co-requisites: DHYG 223, 227, 231 and enrollment 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 GOAL:

1. The student will apply the theory, concepts, and skills involving comprehensive patient care at an introductory level to patients with Gingivitis /Class I, II and III Periodontal Disease with a clinical competency average of 75% or higher.
2. The student will provide dental hygiene services to children, youths and adults using appropriate age related educational strategies as evidenced by a 75% or higher accuracy on learning assessments.
3. The student will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills as evidenced by a 75% or higher accuracy on learning assessments.

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

1. Provide introductory level comprehensive dental hygiene care within recommended time limits at competency levels of 75% or higher to include:
 - a. Assessments
 - b. Dental hygiene diagnosis
 - c. Treatment planning
 - d. Implementation
 - e. Evaluation of services
2. Recognize indications, contraindications, special precautions, and need for patient referral through comprehensive medical, dental, social and cultural histories.
3. Provide emergency medical intervention, as needed, in accordance to established protocols.
4. Apply asepsis protocol, demonstrate ethical and professional conduct, and comply with all SJC Dental Hygiene Protocols.
5. Complete all charts and forms necessary for record keeping, document all dental hygiene services performed, and maintain a re-care system for patients seen.
6. Incorporate the Dental Hygiene Process of Care into clinical practice using assessment data to formulate a dental hygiene diagnosis and intervention strategies that will include a written care plan in a prioritized sequence of evidence-based dental hygiene interventions. These interventions will be based on the dental hygiene diagnosis of the patient's oral condition, treatment and educational needs, and/or referrals necessary to achieve mutually (patient /student) stated oral health outcomes.
7. Identify patients that would benefit from radiographs, receive approval and properly expose, process, mount and critique the radiographs. Implement radiographic findings into dental hygiene care.
8. Assess the need and implement procedures for fluoride, sealants, coronal polishing, appliance care.
9. The student will use didactic knowledge, communication and patient management skills to modify dental hygiene care for patients with specials needs including the following :
 - a. Pediatric Patients
 - b. Pre-pubertal to Postmenopausal Patients
 - c. Pregnant Patients
 - d. Diabetic Patients
10. Utilize hand instruments including Gracey curets for calculus removal and plaque debridement without trauma.
11. Sharpen instruments effectively.

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**DHYG 224****Clinical Dental Hygiene I****3 credit hours (0+0+12)**

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Clinic Time: Tues, 8-12, 1-5, Thur. 1-5. When seeing patients, students are expected to come in early enough to set-up their units and review the patient's chart before the start of the team meetings which will commence at 15 minutes after the hour scheduled for clinic. When on rotations, students are expected to come in early enough to prepare the equipment and stock supplies as needed prior to the team meeting. All students, except the person on office duty must attend the team meeting.

Required Textbooks, Supplies and Materials:

- ▶ Nield- Gehrig, JS, Fundamentals of Periodontal Instrumentation, Baltimore, Williams & Wilkins, most current edition.
- ▶ SJC Policy and Procedures Manual current year
- ▶ Uniforms and Instrument Kit
- ▶ All DH 223 Texts

Refer to other dental texts and library and Internet resources as needed.

Grading Scale:

See attached grade sheet for Clinical grading criteria.

DHYG 224 is based on a minimum/maximum point system.

Students MUST complete the minimum requirements in order to continue in the program.

Grading Criteria: See attached Clinical Grading Format for a list of the clinic requirements and allocation of grade points.

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 the*

student's responsibility to contact the professor immediately and arrange for tutoring or other assistance.

Instructor's Policies:

■ **Preparation:** During this course it is expected that the student prepare for class. This includes reading or reviewing information, clinic procedures, etc. prior to class. Students should be prepared to participate in active learning discussions about clinical activities.

■ **Attendance Policy:** Students are expected to attend all regularly scheduled clinics and other special required clinics as indicated on the course schedule found with the DH 223 Syllabus. Students are expected to be at every clinical session and be fully engaged in educational activities during the entire session. **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 resulting grade.** If a patient cancels an appointment or the student must be out due to illness or family emergency, it is the student's responsibility to contact the patient and reschedule the appointment. In addition, the student must contact the instructor and clinical administrative assistant 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 within 30 minutes of the appointment time, the student must become engaged in an educational activity for the entire clinical session. This does NOT include studying for other classes. Nor, is it time to write assigned papers, chat with others or organize notebooks. Acceptable activities include:

- Completing laboratory/ clinic skill evaluations
- Practicing instrumentation skills
- Taking radiographs for other student's patients
- Assisting other students with sealants or other procedures that require active participation (limit the time spent charting for other students)
- Sharpening instruments
- Completing case study exercises (see options in clinic)
- Research on clinic related issues (see options in clinic)
- Review clinic related videos (emergencies, cultural health care, instrumentation etc)
- Review the emergency kit and use of drugs & equipment
- Faculty may help identify acceptable activities but the student is responsible for taking the initiative to develop an appropriate learning exercise
- All non-patient care activities must be written up on the forms provided.

■ **Patient Requirements:** Comprehensive dental hygiene care must be completed on a **minimum of six (6) patients**. The following is a breakdown of the type of patients required to give each student a variety of experiences and levels of difficulty. A “flat” thirty (30) points will be given for meeting the minimum patient requirements. This means the first patient completed in each of the case classification is counted for the requirement and there is no alteration in points for active or maintenance cases or for level of difficulty for calculus.

- One (1) adult, Moderate difficulty case (estimate 6 clinical sessions) = 10 Points
- Two (2) adult, Easy cases (estimate about 4 clinical sessions each) =10 Points
- One (1) youth, permanent dentition, ages 12-17 (estimate one (1) clinical session) = 3 Points
- Two (2) children, one(1) with primary dentition, one (1) with mixed dentition (estimate a half a clinical session for each child) = 2 Points
- Total basic requirements= 25 points= “C” level grade for patient care.

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.**

Remember, if more difficult patients are seen in the required six (6) cases, no additional points will be earned until the seventh (7) case is completed. The difficulty level will enhance the student's skill level and provide intrinsic benefits.

■ **Mini- Mock Boards** Students are expected to complete four (4) mini-mock boards. These must be passed at 75% or higher proficiency, on both calculus detection and on calculus removal in the same quadrant. These should include one (1) of each quadrant and **all must be completed by April 22. Four successful mini-mock boards are required to pass clinic.** A mini-mock board should be considered an exam. Successful completion will allow the student to take the Clinical Competencies. Mini-mocks are to take place during one clinical session, with the same faculty person grading both the calculus detection and the calculus removal portions of the exam. Point deductions in grading will include tissue trauma.

The following are requirements for each mini-mock board:

- One quadrant with at least one molar in proximal contact
- Eight (8) readily identifiable pieces of calculus
- At least three (3) pieces of calculus on posterior teeth
- All calculus is to be removed with hand instruments only
- There will be no input from faculty or other students. However, if faculty determine that initial calculus removal should be done with an ultrasonic they will prepare the quadrant for the mini-mock.
- If the student is having trouble and needs instructional help from the faculty the mini-mock will be halted and instruction will begin.
- All mini-mock results will be recorded on the Case Management form.

■ **Clinical Skill Evaluations (CSE's):** Students will be required to pass clinical skill evaluations at 75% or higher on the following skills.

- Sealants
- Fluoride
- Sharpening
- Appliance Care
- Diagnostic instrumentation
- Universal instrumentation
- Area specific instrumentation
- Dental charting
- Polishing

- Perio assessments

■ **Clinical Competency Exams:** Students will rotate through a series of clinical competency exams. These exams will be based on typical clinical activities students have been engaged in during the semester. The specific list of events and the schedule will be published for students several weeks prior to these exams. Students will be required to pass all of the exams at 85% or higher. If the exams are not passed the first time, ONE retake will be allowed after a tutoring/practice session. A passing grade at any level of 85% or above will be a "Pass" grade.

All Clinical Competencies must be passed to pass clinic and continue in the program.

■ **Radiography:** All patients requiring radiographs will be taken or secured from external sources prior to treatment planning and implementation. Requirements for radiographs for this semester include:

- 1 FMX
- 2 Pedo BW
- 2 Sets of Occlusal films
- 1 Pano
- 2 Sets of Bitewings (may be part of an FMX)
- Dentist interpretation must be entered in the chart and appropriate referrals made.
- Exposure records and the Retake Log must be completed.
- Radiographic Technique and Interpretation evaluation sheets, anatomy and radiographic finding sheets, must be graded for all radiographs taken during clinic.

■ **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 29-30 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%

■ **Additional Clinical Assignments:** **Special clinical sessions that will enhance clinical learning include, Give Kids a Smile and assisting with the senior mock board exam are required.**

Specific criteria for these activities as well as the schedules and records related to these assessments are either attached or will be presented and discussed in class.

- **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.
- **Assignment Due Dates:** Assignments that are not completed on time will receive a 10% reduction in grade for every day the assignment is overdue. This includes the completion of clinical skill evaluation, mini-mock boards, treatment related to the patient case documentation project and any other activities specified by the professor
- **Patient Assignments:** Students are responsible for recruiting and appointing their own patients. The Clinic Administrative Assistant will also make appointments in students' schedules, so students must keep the schedule book up to date. It is expected that each student will have an appointment book to schedule patients, note phone numbers, etc. and this information will be transferred to the clinic appointment book as soon as possible. If the student is off campus it is wise to call the clinic number and leave a phone message about any appointments made so they may be transferred into the appointment book in a timely manner. **Any appointments scheduled by the Clinic Administrative Assistant will take precedence over patients scheduled by students and not entered in the clinic book.**
- **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. Daily Clinic Evaluations 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.***

■ 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 online. These are evaluated and any negative reports are discussed with the students 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).

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:

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

2. Item	Student Grade	% of weight	total points
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
DCE	85% average	25	=21.25

Total 85.15 = B

Grade Scale:

90-100% = A 80-89% = B 75-79% = C

Requirement Record Log

Patients:

Difficult / Moderate _____

Easy Adult _____

Easy Adult _____

Youth _____

Pedo/Mix _____

Pedo/Primary _____

Others _____

Radiology

FMX _____

4 HBWX _____

4 HBWX _____

Pano _____

Pedo BWX _____

Pedo BWX _____

Occlusal _____

CSE:

Sealants _____

Fluoride _____

Sharpening _____

Appliance Care _____

Dx. Instr. _____

Univ. instr. _____

Area spec. instr. _____

Dental charting _____

Polishing _____

Perio assess. _____

Mini Mock

1. _____ 2. _____

3. _____ 4. _____

Others _____

Competency Exam _____