

Prepared by the Department of Health Sciences

Date of Departmental Approval: January 18, 2018

Date Approved by Curriculum and Programs: February 28, 2018

Effective: Fall 2018

1. **Course Number:** DEN238
Course Title: Clinical Dental Hygiene IV
2. **Description:** This course, designed for fourth semester dental hygiene students, consists of clinical sessions which provide further refinement of clinical skills emphasizing the role of expanded duties in therapy prevention, and control of periodontal disease. There are approximately 196 clinic hours this semester.
3. **Student Learning Outcomes:** Upon successful completion of this course, students are able to do the following:
 - Maintain professional and ethical standards as outlined in the CCCC Clinic Procedure Manual and the CCCC Student Handbook.
 - Follow the program's infection prevention guidelines regarding blood borne pathogens, use of standard precautions, engineering and work-practice controls.
 - Follow infection prevention standard operating procedures for unit setup, waterline management, disinfection and sterilization, and waste management.
 - Adhere to HIPAA and obtain informed consent.
 - Review and document medical and dental histories; ask appropriate follow-up questions and follow protocols in the CCCC Clinic Procedure Manual for conditions that either alter or contraindicate treatment.
 - Obtain and document vital signs.
 - Recognize and manage medical emergencies as outlined in the CCCC Clinic Procedure Manual.
 - Perform and document oral inspections including oral cancer screenings, gingival descriptions, occlusal evaluations, dental chartings and assessment of soft and hard deposits.
 - Perform and document periodontal assessments.
 - Follow the guidelines for prescribing dental radiographs, apply the principles of radiation hygiene and safety to accurately expose, process and interpret diagnostically acceptable films based on patient assessment.
 - Classify each patient according to the program's system and develop a dental hygiene diagnosis based on assessment findings. Additionally, classify each patient according to the AAP classification system.
 - Develop and implement dental hygiene care plans.
 - Assess patients regarding oral health and risk factors for disease; apply disclosing agents and educate patients in the appropriate use of dentifrices and toothbrushes. Include brushing, flossing techniques and interdental devices.
 - Apply the principles of ergonomics to both operator/patient positioning and instrumentation.
 - Determine the need for anesthesia. Select appropriate topical/local anesthetic. Carefully review medical history for any contraindications.
 - Properly prepare syringe; follow proper sharps management; and fully document the procedure in the progress notes and on the Dental Hygiene Clinic Form.
 - Determine patient need for nutritional counseling. Instruct patient to keep a four-day food diary; review diary for sugar-containing foods and essential food groups; provide nutritional guidance in relation to patient needs.
 - Use the correct grasp and fulcrums during instrumentation.
 - Utilize the appropriate instrument tip, adaptation, activation, and stroke during instrumentation.
 - Debride tooth surfaces with both hand and ultrasonic instrumentation. Apply methods of advanced instrumentation utilizing a variety of instruments, fulcrums, strokes, and reinforced strokes.
 - Maintain instrument design by performing correct instrument sharpening techniques.
 - Apply chemotherapeutic agent(s) where indicated.
 - Apply extrinsic stain removal techniques and polish teeth with the appropriate polishing agent.
 - Describe air polishing procedures.

- Identify patient who presents with specific oral condition(s) to be highlighted by intraoral camera. Follow proper procedure for use.
- Identify the indications and contraindications for visible-light cured sealant placement. Apply the correct procedure for sealant placement and evaluation.
- Apply appropriate topical anti-cariogenic agents. Make recommendations and educate the patient regarding self applied agents.
- Provide care for fixed and removable appliances.
- Evaluate dental hygiene interventions through maintenance services/appointments. Establish the appropriate recare intervals for all completed patients.
- Provide appropriate referrals.
- Follow appropriate procedures for taking impressions and fabricating study models.
- Follow CCCC Hazardous Waste Management procedures.
- Maintain accurate electronic dental records utilizing dental software.

4. **Credits:** 4 credits

5. **Satisfies General Education Requirement:** No

6. **Prerequisite:** DEN 236

7. **Semester(s) Offered:** Spring

8. **Suggested General Guidelines for Evaluation:** Each Instructor will evaluate students over the course of the semester. A combination of Tal Eval assessment (55%), Treatment Evaluations with a minimum competency of A- (90) (25%) and Mock Board exam (20%) will be used for student assessment. Students will achieve a grade of C (75) or better in this course in order to graduate from the Dental Hygiene Program.

9. **General Topical Outline (Optional):**

WEEKS 1-2	Seminars
WEEKS 3-14	Scheduled Patient Clinic Sessions