

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:** DEN236
Course Title: Clinical Dental Hygiene III
2. **Description:** This course, designed for 3rd semester dental hygiene students, consists of clinical sessions in which advanced clinical procedures and advanced radiographic procedures are integrated into the clinical experience.
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 bloodborne pathogens, use of standard precautions, engineering and work-practice controls.
 - Follow infection prevention standard operating procedures for unit setup, waterline management, disinfection/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.
 - Based on patient assessment, 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 assessment findings, classify each patient according to the program's system and develop a dental hygiene diagnosis. 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.
 - 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 use of 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. **Prerequisites:** DEN128 (Clinical Dental Hygiene II)

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

8. **Suggested General Guidelines for Evaluation:** Students will be evaluated by each clinical instructor over the course of the semester. A combination of TalEval assessment (55%), Treatment evaluations with a minimum competency of B (85) (25%) and OSCE exam (20%) will be used for assessment. Students successfully passing the course must receive a grade of C (75) or better which will be entered onto their college transcripts.

9. **Content Outline of Course:**

WEEK 1-2	Seminars
WEEK 2-14	Scheduled Patient Clinic Sessions