

Prepared by the Department of Health Sciences
Date of Departmental Approval: January 18, 2018
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Effective: Fall 2018

1. **Course Number:** DEN126
Course Title: Clinical Dental Hygiene I
2. **Description:** The principles, protocols and components of the dental hygiene process of care described in DEN 121 are applied in a pre-clinical setting. Additionally, ergonomics, patient/operator positioning, extrinsic stain removal and instrumentation skills with assessment and debridement instruments are introduced and practiced on both typodonts and student partners. Instrument sharpening skills are developed.
3. **Student Learning Outcomes (Intellectual Skills):** In a clinical setting, the dental hygiene student will have begun to apply the following knowledge, skills and values as they relate to the dental hygiene process of care.
 1. Apply professional and ethical standards as outlined in the CCCC Dental Hygiene Clinic Procedure Manual and the CCCC Student Handbook.
 2. Prepare the dental unit for patient treatment as outlined in the CCCC Dental Hygiene Clinic Procedure Manual.
 3. Accurately apply the principles of infection and exposure control and the CDC Bloodborne Pathogens Standard to all clinical activities. Apply the protocols outlined in the CCCC Dental Hygiene Clinic Procedure Manual and the CCCC Manual, Blood Borne Pathogen Exposure.
 4. Review and document medical and dental histories; ask appropriate follow-up questions and recognize verbal and written responses to the health questionnaire that require modification/contraindications to treatment. Apply protocols outlined in the CCCC Dental Hygiene Clinic Procedure Manual and comply with HIPAA.
 5. Utilize appropriate reference sources for investigating patient medical conditions and medications.
 6. Obtain vital signs and evaluate findings relative to the need for referral and/or consultation.
 7. Where appropriate, discuss health promotion strategies.
 8. Demonstrate a beginning level of competency for the following patient assessment procedures: oral cancer exam, dental charting, occlusal evaluation, gingival description, periodontal assessment, detection and classification of hard and soft deposits.
 9. Accurately document all assessment procedures as outlined in the CCCC Dental Hygiene Clinic Procedure Manual.
 10. Assess a patient for oral health and risk factors for disease, apply disclosing agents, and provide appropriate oral health education instruction. Include tooth brushing, flossing and interdental devices.
 11. Demonstrate correct operator and patient positioning for all sextants of the dentition.
 12. For all positioning and instrumentation, apply the principles of ergonomics to both the clinician and patient.
 13. Discuss and demonstrate correct instrument grasps and fulcrums.
 14. Discuss the design and purpose and demonstrate the correct adaptation, strokes and activation for the following instruments: mouth mirrors, periodontal probes, explorers, area specific and universal curets, sickles, Ultrasonic instrumentation and motor polishing equipment.
 15. Discuss the rationale and basic principles of instrument sharpening.
 16. Maintain instrument design by demonstrating correct sharpening techniques.
 17. Apply the principle of selective polishing and demonstrate the appropriate technique.
 18. Apply the dental hygiene process to a student partner and patient.
 19. Demonstrate basic safety and medical emergency procedures.
4. **Credits:** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisites:** ENL108 (Critical Reading & Thinking) or satisfactory basic skills assessment score
7. **Semester Offered:** Fall

8. Suggested General Guidelines for Evaluation: A passing grade for DEN126 is 75%. A clinical instructor observes and evaluates each student's daily performance and a series of both assessment and instrumentation skills. A 75% or specified criteria, as designated, must be attained on all skill evaluations. Additionally, quizzes related to specific instruments, clinic procedures and sharpening are administered and must be passed at the 75% competency level. The final letter grade is derived from the successful completion of all evaluations, weekly journals, assignments and successful completion of an objective structured clinical exam (OSCE).

9. General Topical Outline: Three Pre-clinic sessions per week.

Week 1	Introduction to course, procedures and policies Clinic Orientation Emergency drills Chair/Unit functions Principles of positioning Grasp, Mirror, and Finger rests
Week 2	Principles of positioning Grasp, Mirror, and Finger rests Introduction to instrument design Medsafe/OSHA training
Week 3	Explorers
Week 4	Periodontal Probe Introduction to magnification
Week 5	Health History Vital Signs Infection control in the clinic, unit set up Introduction to Eaglesoft
Week 6	Student partners with health history and probing
Week 7	Introduction to gracey curets Introduction to ultrasonic instrumentation
Week 8	Extra/Intra oral examination Introduction to sickle scalers and universal curets
Week 9	Student partners-OCE, explorers, curets Occlusion
Week 10	Dental charting Oral Hygiene demonstrations
Week 11	Students partner gingival and periodontal assessment Oral hygiene Indices
Week 12	Continue periodontal and gingival assessment Instrument sharpening
Week 13	Student partners complete process of care OSCE review
Week 14	Extrinsic stain removal Fluoride application
Week 15	Clinic review reflection