



## Course Number and Title: DHY 103 Clinical Dental Hygiene III

**Campus Location:**

Dover, Wilmington

**Effective Date:**

2018-51

**Prerequisite:**

DHY 102, SSC 100 or concurrent

**Co-Requisites:**

none

**Course Credits and Hours:**

2.00 credits

1.00 lecture hours/week

6.00 lab hours/week

**Course Description:**

This clinical experience course is designed for students to incorporate knowledge and skills in the treatment of all types of patients. The seminar focuses on problem-solving and sharing clinical experiences.

**Required Text(s):**

Obtain current textbook information by viewing the [campus bookstore - https://www.dtcc.edu/bookstores](https://www.dtcc.edu/bookstores) online or visit a campus bookstore.

Check your course schedule for the course number and section.

**Additional Materials:**

Dental Hygiene First-Year Student Kit Dental Hygiene Program Policy and Procedures Manual Allied Health/Science Department Program Student Policy Manual

**Schedule Type:**

Classroom Course

**Disclaimer:**

None

**Core Course Performance Objectives (CCPOs):**

1. Demonstrate professional behavior consistent with the values of the dental hygiene profession. (CCC 1, 2, 3, 4, 5, 6; PGC 2, 3, 6)
2. Promote a safe working environment to protect the dental health team and the patient. (CCC 1, 2, 3, 4, 5, 6; PGC 3, 6)
3. Apply the principles of data collection and patient assessment in patient care delivery. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 4, 5, 6)
4. Demonstrate the principles of instrumentation in patient care delivery. (CCC 1, 2, 3, 4, 5, 6; PGC 3, 4)
5. Perform comprehensive dental hygiene treatment for patients from a full spectrum of patient populations exhibiting various states of oral health. (CCC 1, 2, 3, 4, 5, 6; PGC 1, 2, 3, 4, 5, 6)

See Core Curriculum Competencies and Program Graduate Competencies at the end of the syllabus. CCPOs are linked to every competency they develop.

## Measurable Performance Objectives (MPOs):

Upon completion of this course, the student will:

1. Demonstrate professional behavior consistent with the values of the dental hygiene profession.
  1. Write a self-evaluation of clinical experiences weekly.
  2. Discuss clinical experiences in a seminar format.
  3. Demonstrate effective oral, non-verbal, and written communication in the clinical setting with patients and members of the dental team.
  4. Demonstrate professional behavior patterns that meet employer expectations and professional association guidelines including but not limited to attending, arriving on time, and staying until the conclusion of the educational experience, dressing appropriately, preparing adequately, and displaying appropriate interpersonal dynamics and communication skills.
  5. Demonstrate appropriate patient management skills.
  6. Demonstrate a commitment to completing dental hygiene treatment for all patients and continuing their care throughout the clinical course.
2. Promote a safe working environment to protect the dental health team and the patient.
  1. Apply appropriate infection control protocol during all dental hygiene procedures.
  2. Demonstrate the proper operation and maintenance of dental equipment.
  3. Demonstrate the principles of patient, operator, and light positioning during dental hygiene procedures.
  4. Demonstrate proof of current cardiopulmonary resuscitation (CPR) certification.
  5. Apply principles of radiation safety.
3. Apply the principles of data collection and patient assessment in patient care delivery.
  1. Describe and document pertinent information on the medical history form based on appropriate follow-up questions and medical references
  2. Recognize contraindications to and/or the need for modifications to dental hygiene care.
  3. Demonstrate the techniques to determine and record the vital signs of a patient.
  4. Employ the techniques for performing an extraoral and an intraoral examination.
  5. Describe and document clinical findings using appropriate descriptive terminology.
  6. Classify the care level of a patient based on assessment data.
  7. Prepare a dental hygiene treatment plan based on patient needs.
  8. Determine a patient's periodontal health using the periodontal probe and other diagnostic aids.
  9. Chart periodontal findings on an initial and final periodontal record.
  10. Chart subgingival calculus per discretion of the clinical instructor(s).
  11. Chart caries/restorative findings.
  12. Assess a patient's oral hygiene through completion of a patient hygiene performance (PHP) index.
  13. Evaluate the patient's general and oral health status at subsequent appointments.
  14. Prepare all patient records and clinical forms promptly, accurately, and legibly.
  15. Produce diagnostically acceptable radiographs/images, including periapicals, bitewings, and full mouth series, as determined by patient need.
  16. Interpret dental radiographs/images in terms of diagnostic quality and findings.
4. Demonstrate the principles of instrumentation in patient care delivery.
  1. Identify all instruments in the student kit.
  2. Demonstrate the use of examination instruments to assess oral health.
  3. Demonstrate effective removal of dental deposits and stains.
  4. Demonstrate effective periodontal debridement on patients in the clinical care level (CL) Class II or Class IIP and Class III or Class IV.
  5. Demonstrate engine polishing techniques.
  6. Employ methods to assess sharpness and complete instrument sharpening effectively.
  7. Demonstrate the use of the ultrasonic scaler as determined by patient need.
  8. Prepare the appropriate armamentarium for the delivery of local anesthesia by the dentist.
5. Perform comprehensive dental hygiene treatment for patients from a full spectrum of patient populations exhibiting various states of oral health.
  1. Perform dental hygiene treatment on patients from a full spectrum of populations including a child/ adolescent and adult/geriatric.
  2. Demonstrate appropriate clinical management skills.
  3. Perform dental hygiene treatment on patients with varying degrees of difficulty including care level Class I, Class II, or Class IIP and Class III or Class IV.
  4. Perform patient education for various populations regarding oral physiotherapy and other preventive measures.
  5. Demonstrate the procedures for applying professional topical fluorides.
  6. Apply pit and fissure sealants.

**Evaluation Criteria/Policies:**

Students must demonstrate proficiency on all CCPOs at a minimal 75 percent level to successfully complete the course. The grade will be determined using the Delaware Tech grading system:

92	-	100	=	A
83	-	91	=	B
75	-	82	=	C
0	-	74	=	F

Students should refer to the [Student Handbook - https://www.dtcc.edu/handbook](https://www.dtcc.edu/handbook) for information on the Academic Standing Policy, the Academic Integrity Policy, Student Rights and Responsibilities, and other policies relevant to their academic progress.

**Core Curriculum Competencies (CCCs are the competencies every graduate will develop):**

1. Apply clear and effective communication skills.
2. Use critical thinking to solve problems.
3. Collaborate to achieve a common goal.
4. Demonstrate professional and ethical conduct.
5. Use information literacy for effective vocational and/or academic research.
6. Apply quantitative reasoning and/or scientific inquiry to solve practical problems.

**Program Graduate Competencies (PGCs are the competencies every graduate will develop specific to his or her major):**

1. Collect and analyze baseline data in a critical and scientific manner regarding the patient's health status to determine dental hygiene treatment needs.
2. Utilizing professional communication skills and behaviors, initiate and responsibly advocate health care promotion and disease prevention for diverse populations.
3. Provide dental hygiene care in a safe manner.
4. Utilizing self-assessment skills, evaluate clinical performance and the effectiveness of dental hygiene treatment.
5. Accurately document information related to dental hygiene care through proper record keeping.
6. Recognize and manage the professional and ethical issues of dental hygiene practice in a dynamic environment.

**Disabilities Support Statement:**

The College is committed to providing reasonable accommodations for students with disabilities. Students are encouraged to schedule an appointment with the campus Disabilities Support Counselor to request an accommodation needed due to a disability. A listing of campus Disabilities Support Counselors and contact information can be found at the [disabilities services - https://www.dtcc.edu/disabilitysupport](https://www.dtcc.edu/disabilitysupport) web page or visit the campus Advising Center.