

**STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK**



COURSE OUTLINE

DHYG 151 – CLINICAL DENTAL HYGIENE I

Prepared by: **Pamela P. Quinn, RDH, BS MSED**
Kasey Penoyer, RDH, BTech, MS

**SCHOOL OF SCIENCE, HEALTH & CRIMINAL JUSTICE
DENTAL HYGIENE AAS PROGRAM
MARCH 2017**

DHYG 151 – CLINICAL DENTAL HYGIENE I

- A. **TITLE:** CLINICAL DENTAL HYGIENE I
- B. **COURSE NUMBER:** DHYG 151
- C. **CREDIT HOURS:** 3 CREDIT COURSE
- D. **WRITING INTENSIVE COURSE:** NO
- E. **COURSE LENGTH:** 15 WEEKS
- F. **SEMESTER(S) OFFERED:** SPRING
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
8 HOURS OF CLINIC EACH WEEK AND 42 HOURS OF LAB
- H. **CATALOG DESCRIPTION:** This course is a continuation of DHYG 141 Pre-Clinical Dental Hygiene. Students will be assigned to eight (8) hours of patient care in the clinic each week and a total of 42 lab hours where the students will learn dental charting, instrument sharpening, how to utilize a rotary handpiece and ultrasonic scaler, apply fluoride and a topical anesthetic, practice management of various medical emergencies and accurately document a patient record. In clinic the student will develop their skills when assessing, planning and implementing care for the child, teen, adult and geriatric patient including the exposure of radiographs. Emphasis is placed on the healthy patient as well as patients with gingivitis or early periodontitis. Although the department has a database of patients to work with, the student is responsible for recruiting new patients. A minimum grade of “C” is required to proceed to the next level of study.
- I. **PRE-REQUISITES/CO-COURSES:** Dental Hygiene matriculation, current professional level CPR/AED certification and malpractice insurance. Co-Requisite: DHYG 150 Clinical Dental Hygiene I Theory.
- J. **GOALS (STUDENT LEARNING OUTCOMES):** By the end of this course, the student will meet the following course learning outcomes which are linked to the institutional learning outcomes. This course provides foundational learning for completing Dental Hygiene Program Competencies: 1.1 through 1.16, 2.1 through 2.4, 2.6, 2.7, 3.1 through 3.3, 5.1 through 5.5, 6.1 through 6.7, and 7.2

Course Outcomes	Institutional Outcomes
1. Utilize infection control policies and procedures in accordance with OSHA and SUNY Canton policies.	2. Critical Thinking 3. Prof Competency
2. Recognize and utilize established professional conduct policies and procedures.	2. Critical Thinking 3. Prof Competency
3. Demonstrate competency assessing, planning, implementing and evaluating dental hygiene care in the clinical setting.	1. Communication 2. Critical Thinking 3. Prof Competency 4. Inter/Intrapersonal Skills
4. Develop a plan for responding to medical emergencies that may occur in the clinical setting.	2. Critical Thinking 3. Prof Competency
5. Demonstrate competency applying radiation safety principles when exposing, processing and mounting dental radiographs.	2. Critical Thinking 3. Prof Competency

- K. **TEXTS:**
Jeske, A.H. Mosby’s Dental Drug Reference, Elsevier, most current edition.

Nield-Gehrig, Jill. Fundamental of Periodontal Instrumentation, Lippincott, Williams & Wilkins, 2016.

Wilkins, Esther. Clinical Practice of the Dental Hygienist, 13th Edition, Lippincott, Williams and Wilkins, 2016.

Current editions of the SUNY Canton DHYG Student Handbook, as well as the Infection Control, Emergency and Evaluation Manuals written by the dental hygiene faculty.

L. REFERENCES:

Gehrig, Jill. Patient Assessment Tutorials, Lippincott, Williams & Wilkins, 2017

Langlais, R.P. and Miller, C.S. Color Atlas of Common Oral Diseases, Lippincott, Williams and Wilkins, 2017

Miller, C.H. and Palenik, C.J. Infection Control and Management of Hazardous Materials for the Dental Team, 6th Edition, 2016.

M. EQUIPMENT: students will purchase necessary clinic supplies which includes a handpiece, an instrument sharpening kit, a set of ultrasonic tips with a sterimate and storage cassette, HVE adaptor and personal protective equipment.

N. GRADING METHOD: A-F

A letter grade will be issued utilizing the following conversion table. Students must achieve a minimum C grade in all dental hygiene courses.

A	94 - 100
B+	90 - 93
B	84 - 89
C+	80 - 83
C	75 - 79
D	74 - 70
F	69 or lower

O. MEASUREMENT CRITERIA/METHODS:

Daily Professional Conduct Evaluations
Patient Care Evaluations
Skill Evaluations
Written Assignments
Role Plays
Radiographs
Capstone Clinical Practicum

P. DETAILED COURSE OUTLINE:

To meet ADA requirements, students will participate in a total of 42 hours of lab to learn clinical skills and a minimum of 8 hours of clinical practice each week to assess, plan and implement care for two patients under the direct supervision of a faculty member. Students meet individually with supervising faculty to complete proper documentation of patient record and to interpret radiographs. Appropriate referrals must be made to patients at the end of the clinical session.

TYPICAL CLINICAL SESSION

- 8:00 - 8:20 Student cleans and disinfects the unit prior to placing barriers and gathers necessary armamentarium
- 8:20 - 8:30 Team Huddle
- 8:30 - 9:00 Student reviews medical history and records vital signs, researches medications on the patient record using the Dental, identifies any contraindications to care and special management considerations and then presents to the supervising faculty.
- 9:00 - 12:00 Student provides dental hygiene services under the direct supervision of a registered dental hygienist or dentist.
- 12:00 - 12:30 Student decontaminates and closes out the treatment room and reviews documentation in the patient record and in Eaglesoft with the supervising faculty. Faculty provide feedback on performance and offers suggestions for improvement when necessary.

Q. LABORATORY OUTLINE:

- Wk #1: Utilization of Drug Reference and Dental Charting
- Wk #2: Sharpening
- Wk #3: Polishing
- Wk #4: Dental Hygiene Diagnosis and Planning of Interventions
- Wk #5: Fluoride Application
- Wk #6: Documentation & Chart Audit
- Wk #7: Self Assessment
- Wk #8: Topical Anesthesia & Ultrasonic Scaling
- Wk #9: Chart Audit
- Wk #10: Medical Emergency Role Plays
- Wk #11: Community Health Project/Visit by Upstate Cerebral Palsy Children
- Wk #12: Sharpening Evaluation
- Wk #13: Self Assessment & Correction of Errors in Eaglesoft
- Wk #14: Final Medical Emergency Role Plays
- Wk #15: Finals Week - Lab Practicum