

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



COURSE OUTLINE

DHYG 142

PREPARATION FOR THE PATIENT APPOINTMENT

Prepared by: **Pamela P. Quinn, RDH, BSE, MSED**

**SCHOOL OF SCIENCE, HEALTH & CRIMINAL JUSTICE
DENTAL HYGIENE AAS PROGRAM
September 2012**

- A. **TITLE:** PREPARATION FOR THE PATIENT APPOINTMENT
- B. **COURSE NUMBER:** DHYG 142
- C. **CREDIT HOURS:** 1
- D. **WRITING INTENSIVE COURSE:** NO
- E. **COURSE LENGTH:** 15 WEEKS
- F. **SEMESTER(S) OFFERED:** FALL
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
2 HOURS OF LAB EACH WEEK
- H. **CATALOG DESCRIPTION:** This course introduces the student to the OSHA infection protocols that are designed to reduce the transfer of pathogens in the clinical setting. It also enables the students to practice preparing the dental unit and treatment room for patient care. In addition, students will learn and practice the technique for assessing vital signs, including pulse, respiration and blood pressure and to perform a head and neck cancer screening examination. This will be accomplished through lab demonstrations and clinical practice on a lab partner.
- I. **PRE-REQUISITES/CO-COURSES:** Pre-requisites: Dental Hygiene matriculation, CPR/AED and First Aid certification, proof of current malpractice insurance. Co-Requisites: DHYG 140, DHYG 141, DHYG 155, and DHYG 156 or permission of the instructor.
- J. **GOALS (STUDENT LEARNING OUTCOMES):** By the end of this course, the student will:

Course Objectives	Institutional Objectives
1. Apply proper infection control protocols to protect the clinician, the patient and other clinicians working in the clinic.	2. Critical Thinking 3. Prof Competency
2. Explain why it is important to assess vital signs prior to initiating patient care.	2. Critical Thinking
3. Demonstrate competency measuring and recording vital signs.	3. Prof Competency
4. Explain the rationale for performing a cancer screening exam as part of comprehensive patient care.	2. Critical Thinking
5. Demonstrate the steps for performing a cancer screening extra and intraoral examination.	3. Prof Competency

- K. **TEXTS:**
Miller, C.H. and Palenik, C.J., Infection Control and Management of Hazardous Material's for the Dental Team, most current edition, Elsevier-Mosby, St, Louis.

Nield-Gehrig, Jill. Patient Assessment Tutorials, 2nd Edition, Lippincott, Williams and Wilkins, 2010

Wilkins, Esther. Clinical Practice of the Dental Hygienist, 11th Edition, Lippincott, Williams and Wilkins, 2013.

Current copy of the Dental Hygiene Department's Student Handbook, Infection Control and Evaluation Manuals written by the dental hygiene faculty

L. REFERENCES:

Nield-Gehrig, Jill. Fundamentals of Periodontal Instrumentation, 7th Edition, Lippincott, Williams and Wilkins, 2013.

M. EQUIPMENT: Each student is expected to wear a set of scrubs and white clinic shoes when attending lab, and will bring PPE (personal protective equipment) including masks, gloves and overgowns to lab each week.

N. GRADING METHOD: A-F

O. MEASUREMENT CRITERIA/METHODS:

Daily Professional Conduct Evaluations

Clinical Processes

Competency Tests

Instructor and Peer Observations

P. DETAILED COURSE OUTLINE: (this is a lab where students practice the skills discussed in DHYG 140 Pre-Clinic Theory, DHYG 141 Pre-Clinic, DHYG 155 Infection Control and DHYG 156 Oral Anatomy)

- Lab #1: Instructor Demonstration followed by Student Application of Standard Handwash, Antiseptic Handwash and Basic Scrub.
Instructor demonstration of use of paper and peel-vue sterilization bags. Students will practice bagging their handbrush and utility gloves so they are sterile for lab #2.
Instructor Demonstration of Placement & Removal of Personal Protective Equipment (PPE) including eyewear, mask and examination gloves.
- Lab #2: Instructor Demonstration on Proper Pre-cleaning of Dental Unit and Treatment Room; and proper method for handling contaminated eyewear
Students go to treatment rooms in pairs to apply both processes. One student will read the steps in the process and the other student will practice applying these skills; then the students will switch roles.
- Lab #3: Instructor demonstration of Disinfection of Dental Unit and Treatment Room.
Students go to treatment rooms in pairs to apply this skill. One student will read the steps in the process and the other student will practice applying these skills; then the students will switch roles.
- Lab #4: ½ class: peer evaluation of pre-cleaning, disinfection and barrier processes. One student will practice all 3 processes and the other will offer feedback on the end product.
- Lab #5: ½ class: instructor will discuss sharps container, spill kit, post exposure protocol, location of oxygen tank and utilization of “code yellow” should a medical emergency occur during patient care
½ class: partner evaluation of handwashing processes
- Lab #6: Instructor introduces and demonstrates the Pulse and Respiration Processes
Students practice application of the skills by taking pulse and respiration on two different partners. All students make a 20 minute appointment with one of the instructors to complete handwashing evaluation.
- Lab #7: Instructor demonstrates how to put together the blood pressure equipment and the steps when taking blood pressure. Students practice application of the skills by taking and documenting BP on two different partners in a treatment room.

- Lab #8: ½ class: instructor evaluation of student applying the pre-cleaning, disinfection and placement of barriers on the dental unit processes
 ½ class: practices application of pulse and respiration processes as well as application of blood pressure process form.
 Instructor evaluation of students wrapping cassettes for sterilization; and instructor demonstration of biological testing process.
- Lab #9: same of lab #8 but switch groups
- Lab #10: Instructor demonstration of Intraoral Cancer Screening Examination
 Students practice performing the intraoral examination on a partner
- Lab #11: Instructor check-off on vital signs
 Students practice applying the skills performed during both the extra and intra oral cancer screening examinations
- Lab #12: ½ class: Instructor evaluation of students completing Competency #1 Skill Evaluation
 ½ class: Students practice both the extra and intraoral cancer screening examinations in preparation of appointment with outside patients
- Lab #13: ½ class: Instructor evaluation of students completing Competency #1 Skill Evaluation
 ½ class: Students practice both the extra and intraoral cancer screening examinations in preparation of appointment with outside patients
- Lab #14: Instructors retest any students who did not successfully pass an evaluation

Q. LABORATORY OUTLINE: This course is a lab and the outline is listed above. Students must be co-registered for DHYG 140 Pre-Clinic Theory and DHYG 155 Infection Control

Effective Fall 2013

DENTAL HYGIENE A.A.S.
Curriculum No. 545
Curriculum Coordinator - Mrs. Pamela P. Quinn, RDH, BSE, MEd

-Pre-requisite courses includes: Intermediate Algebra, Chemistry, Human Anatomy & Physiology I and II
-Verification of Current Basic First Aid and Professional Level CPR-AED certification is required prior to working on peers or outside patients in the clinic.

<u>Course No.</u>	<u>Course</u>	<u>First Semester</u>	<u>Credit</u>	<u>Term</u>	<u>Grade</u>
DHYG 142	Prep for Pt Apmt		1	_____	_____
DHYG 145	Radiology		3	_____	_____
DHYG 155	Infection Control		1	_____	_____
DHYG 156	Oral Anatomy		2	_____	_____
DHYG 140/141	Pre-Clinical Dental Hygiene		4	_____	_____
DHYG 161	Histology & Embryology		1	_____	_____
ENGL 102	English 102		<u>3</u>	_____	_____
			15		

Second Semester

DHYG 256	Medical Emergencies		1	_____	_____
BIOL 209	Microbiology		4	_____	_____
DHYG 147	Head & Neck Anatomy		2	_____	_____
DHYG 150/151	Clinical Dental Hygiene I		5	_____	_____
DHYG 159	Dental Health Education		2	_____	_____
DHYG 161	Dental Pathology		2	_____	_____
DHYG 190	Radiographic Interpretation		<u>2</u>	_____	_____
			18		

DHYG 215	Pain Management		1	_____	_____
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Third Semester

ANTH 102	Intro to Cultural Anthropology		3	_____	_____
HLTH 175	Nutrition		3	_____	_____
DHYG 220	Periodontology		2	_____	_____
DHYG 221	Pharmacology		2	_____	_____
DHYG 240/241	Dental Materials		3	_____	_____
DHYG 250/251	Clinical Dental Hygiene II		<u>5</u>	_____	_____
			18		

Fourth Semester

PSYC 101	Introduction to Psychology		3	_____	_____
DHYG 260	Community Dental Health **		2	_____	_____
DHYG 270	Clinical Dental Hygiene III		4	_____	_____
DHYG 280	Ethics & Jurisprudence		1	_____	_____
DHYG 290	Special Needs Patients		1	_____	_____
DHYG 295	Sophomore Seminar		1	_____	_____
SOCI 101	Introduction to Sociology		<u>3</u>	_____	_____
			15		

**Writing Intensive Course

-A grade of "C" or better is required for all BIOL and DHYG courses for continuation in the program.

Graduation Requirements: Total Semester Credit Hours – 67
