

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

COURSE OUTLINE

DHYG 140 – PRE-CLINICAL DENTAL HYGIENE THEORY

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SCHOOL OF SCIENCE, HEALTH & CRIMINAL JUSTICE
DENTAL HYGIENE AAS PROGRAM
MARCH 2015

DHYG 141 – PRE-CLINICAL DENTAL HYGIENE THEORY

- A. **TITLE:** PRE-CLINICAL DENTAL HYGIENE THEORY
- B. **COURSE NUMBER:** DHYG 140
- C. **CREDIT HOURS:** 2
- 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 lecture each week
- H. **CATALOG DESCRIPTION:** This course is an introduction to Dental Hygiene theory including process of care with emphasis on professionalism, basic instrumentation skills and patient assessment processes. Students enrolled in this course must also be registered for DHYG 141 Pre-Clinic Lab.
- I. **RE-REQUISITES/CO-REQUISITES:** Pre-requisite: Dental Hygiene matriculation and Co-Requisite: DHYG 141 Pre-Clinic Lab or permission of the instructor.
- 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.

Course Outcomes	Institutional Outcomes
1. Identify and describe the preventive, educational and therapeutics services provided by the dental hygienist and list those defined in the NYS Practice Act.	3. Prof. Competency
2. Identify oral health and disease as a basis of determining the proper dental hygiene process of care.	3. Prof. Competency
3. Identify the qualities of a professional and the role of the dental hygienist as an integral member of the dental team.	3. Prof Competency
4. Identify the instruments utilized by the dental hygienist and describe the principles of instrumentation.	2. Critical Thinking 3. Prof. Competency
5. Describe the components of the SUNY Canton Dental Hygiene Clinic patient chart and explain the significance of each component in creating and maintaining a dental record.	2. Critical Thinking 3. Prof. Competency

K. **TEXTS:**

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

Nield-Gehrig, Jill. Patient Assessment Tutorials, 3rd Edition, Lippincott, Williams and Wilkins, 2013

Stedman's Medical Dictionary for the Dental Professions, Lippincott, Williams and Wilkins, most current edition.

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

Current Dental Hygiene Department Student Handbook, Infection Control and Evaluation Manuals written by dental hygiene faculty

L. **REFERENCES:**

Miller, C.H. and Palenik, C.J., Infection Control and Management of Hazardous Material's for the Dental Team, 5th Edition. Elsevier-Mosby, St, Louis, 2014.

M. **EQUIPMENT:** No specific equipment is necessary for this lecture.

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:**

Quizzes
Midterm
Final Examination

P. **DETAILED TOPICAL OUTLINE:**

- I. Introduction to the course/syllabus review
- II. NYS Dental Hygiene Practice Act
 - a. Services Provided/ Career Options
 - b. Code of Ethics for Dental Hygienists
 - c. Dental Hygienist's Role as a Member of the Dental Team
- III. Reducing Liability Risks:
 - a. Safeguarding Patient Records
 - b. Maintaining Patient Confidentiality
 - c. Patient's Bill of Rights
- IV. Dental Hygiene Process of Care
 - a. Introduction to Assessment Phase of Care
 - b. Medical, Dental, Radiographic Histories

- c. Vital Signs
 - d. Prophylactic Regimen for the Medically Compromised Patients
 - V. Principles of Instrument
 - a. Mirror and compressed air
 - b. Probe
 - c. Explorer
 - d. Detection and classification of hard and soft deposits
 - VI. Implementation
 - a. Scalers
 - b. Universal Curet
 - c. Area Specific Curets (Gracey Curets)
 - VII. Hard and Soft Deposits
 - a. Disclosing Agents
 - b. Plaque Index (PHP)
 - c. Calculus
 - VIII. Dental Flossing
 - IX. Dental Stains
 - a. Intrinsic
 - b. Extrinsic
 - X. Informed Consent
 - XI. Principles of Selective Polishing
- Q. LABORATORY OUTLINE: this is a lecture only. DHYG 141: Pre-Clinic lab is a co-requisite course.