

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



COURSE OUTLINE

DHYG 260 – COMMUNITY DENTAL HEALTH

Prepared by: **Kasey Penoyer, RDH, BTech, MS**

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

DHYG 260 – COMMUNITY DENTAL HEALTH

- A. TITLE: COMMUNITY DENTAL HEALTH**
- B. COURSE NUMBER: DHYG 260**
- C. CREDIT HOURS: 2**
- D. WRITING INTENSIVE COURSE: YES**
This is the writing intensive course for Dental Hygiene AAS curriculum.
- E. COURSE LENGTH: 15 weeks**
- F. SEMESTER(S) OFFERED: Spring**
- G. HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
2 hours of lecture each week
- H. CATALOG DESCRIPTION:** This course is an introduction to the philosophy of community dental health and explores principles of community based oral health program assessment, planning, implementation, and evaluation. In addition, fluoridation, dental health education, epidemiology of dental diseases, and the use of biostatistical methods and materials for research, program planning, and assessment are discussed. Students are exposed to the community dental health environment through a school or community based project.
- I. PRE-REQUISITES/CO-COURSES:** Students must be matriculated in Dental Hygiene prior to registering for this course. DHYG 270 is a co-requisite for this course.
- J. GOALS (STUDENT LEARNING OUTCOMES):** Upon completion 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: 4.1-4.6, 7.1, 7.3, 8.3

Course Learning Outcomes	Institutional Outcomes
1. Identify major community needs that can be positively impacted by community health dental programs.	2. Critical Thinking 3. Prof Competency
2. Demonstrates the steps taken to assess, plan, implement, & evaluate an oral health project in the community.	2. Critical Thinking 3. Prof Competency
3. Describe the role and responsibilities of governmental agencies and health care delivery systems have on oral health services in the United States.	2. Critical Thinking 3. Prof Competency
4. Discuss oral health epidemiology studies using terminology and concepts of research and statistical methods and measurements to understand the epidemiology of dental disease.	2. Critical Thinking 3. Prof Competency
5. Evaluate and critique online resources and scientific literature related to oral health education research.	3. Prof Competency

* Specific Objectives will be distributed with each unit.

- K. TEXTS:**
Nathe, Christine Nielsen, Dental Public Health & Research 3rd Edition, Upper Saddle River: Pearson Education Inc., 2011.
- L. REFERENCES:**
Burt, Brian and Eklund, Stephen, Dentistry, Dental Practice and the Community, 6th Edition, St. Louis: Elsevier Saunders, 2005

Geurink, Kathy Voight, Community Oral Health Practice for the Dental Hygienist, 2nd Edition, St. Louis: Elsevier Saunders, 2005

M. **EQUIPMENT:** none

N. **GRADING METHOD:** A – F

A letter grade will be issued utilizing the conversion scale below. All students must achieve a minimum C grade in this course to maintain matriculation in the dental hygiene program.

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:**

Homework Assignments
Unit Tests
Community Health Project

P. **DETAILED COURSE OUTLINE:**

I. An Overview of Dental Public Health

- A. Five Roles of a Dental Hygienist in Public Health
- B. The Prevention Movement
- C. Public Health Goals and Services

II. Dental Care Delivery in the US

- A. Federal Structure of Dental Public Health
- B. State Structures of Dental Public Health
- C. Dental Health Care Workforce

III. Dental Care Delivery in the Global Community

- A. World Health Organization
- B. Key International Dental Organizations
- C. International Dental Hygiene

IV. Target Populations

- A. Target Population profiles
- B. Access to Care
- C. Barriers to Care

V. Program Planning

- A. Dental Hygiene Public Health Program Planning Paradigm
- B. Core Program Planning Functions of Government Agencies
- C. Dental Hygiene Public Health Programs

VI. Program Evaluation

- A. Evaluation Techniques
- B. Dental Indices

C. Government Evaluation of Oral Health

VII. Oral Health Care During Pregnancy & Early Childhood

- A. Practice Guidelines for Care and Treatment
- B. Risk-Based approach for children with Early Childhood Caries
- C. Integrating Oral Health Promotion and Counseling

VIII. Research in Dental Hygiene

- A. Research Methodology
- B. Bioethics
- C. Evidenced-Based Practice

IX. Oral Epidemiology

- A. Uses of Epidemiology
- B. Commonly used Epidemiologic Terms and their Application
- C. Oral Epidemiology Surveillance and Reports

X. Biostatistics

- A. Descriptive statistics
- B. Graphing Data
- C. Inferential statistics
- D. Interpretation of Data and Research Results

XI. Financing Dental Care

- A. Payments methods
- B. Insurance Plans
- C. Dental Provider Billing
- D. Government's Role in Funding Dental Care

XII. Future Direction of Dental Hygiene

- A. Federal and State Legislation Affecting Dental Hygiene Practice
- B. Careers in Dental Public Health

Q. LABORATORY OUTLINE: Not applicable