

<b>COURSE PREFIX/NO:</b>	<b>DHG 230</b>
<b>COURSE TITLE:</b>	<b>Public Health Dentistry</b>
<b>LECTURE HRS/WK:</b>	<b>3.0</b>
<b>LAB HOURS:</b>	<b>0</b>
<b>CREDIT HRS/SEMESTER:</b>	<b>3.0</b>

[Distance Learning Attendance/VA Statement](#)  
[Textbook Information](#)

## **COURSE DESCRIPTION**

This course provides a study of oral health and the prevention of oral disease in a community. Emphasis is on assessment of community groups and dental health needs, planning, implementation, and evaluation of community programs.

## **COURSE COMPETENCIES**

Upon successful completion of this course, the student will be able to perform the following objectives stated in each module.

### **Module I – Research and Table Clinics**

1. Read, evaluate and critique dental publications in professional journals.
2. Research a topic, create and present a Table Clinic.
3. Critically evaluate the methods, design, biostatistics and conclusions evident in current dental research.

### **Module II – Introduction to Dental Public Health**

4. Define dental public health and describe the role of the dental professional in the community.
5. Discuss the history of dentistry in relation to dental public health.
6. Describe the current dental care delivery system and discuss the social and economic factors which influence the utilization of services.
7. Describe the role of the government in public health service at the federal, state, and local level including legislation, funding and methods of health care delivery.
8. Discuss current trends in the provision and financing of dental care.
9. Develop an awareness of the historical concepts and practices that have evolved to become identified as public health.

### **Module III – Dental Health Education**

10. Identify the needs of a target population through appropriate assessment techniques.
11. Discuss target populations, dental health education and lesson plan development.

## **Module IV – Epidemiology and Biostatistics**

12. Describe epidemiological trends of oral diseases including dental caries, periodontal disease, and oral cancer in various populations, and demonstrate the use of various surveys designed to collect epidemiological data.
13. Understand and apply the techniques of basic statistical concepts for selected populations in the following areas:
  - a. oral epidemiology
  - b. dental health education
  - c. health promotion strategies
  - d. prevention, control and treatment of dental diseases

## **Module V – Program Planning & Indices**

14. Demonstrate knowledge and skills in program planning and development.
15. Describe various methods of program evaluation and discuss when each is appropriate.
16. Discuss and be knowledgeable of the various indices available for use in public health dentistry.

## **MINIMAL STANDARDS**

The minimal average for the Dental Hygiene Program is 80%.

## **ATTENDANCE POLICY**

Students are expected to attend all lecture sessions. Students are responsible for all materials covered and for all assignments given in class. Students who are absent from class more than 10 percent of the hours assigned will be withdrawn.

In other words, if a student misses 10 percent of the total class periods prior to midterm, then he/she may be withdrawn and given a “W.” However, if the number of absences is exceeded after midterm, the student may be assigned a “W” or a “WF.” The “WF” indicates the student was withdrawn after midterm and was making unsatisfactory progress at the point of withdrawal. The instructor can give a “W” after midterm if academic progress is satisfactory to that point.

## **ACADEMIC INTEGRITY**

The student is bound to uphold the academic integrity policy stated in the York Technical College Catalog and Handbook and the signed agreement with the Dental Health Professions department.

## **METHODS OF INSTRUCTION**

Lecture	Professional Journals
Audio Visuals	Case Studies
Reading assignments	Discussions
Peer Teaching/Review	Question and answer
D2L	

## EVALUATION STRATEGIES

Students will be evaluated utilizing tests and rubrics for literary critiques, community project and a table clinic presentation. The tests will consist of multiple choice, matching, true/false, and theory application questions (short answer). There will be a minimum of one test per module.

## GRADING

The final grade for DHG 230 will be determined as follows:

Written tests	50%
Community Project	25%
Literary/ Article Critiques	5%
Table Clinic Presentation	<u>20%</u>
	100%

**Grading Scale:** A minimum grade of 80% must be earned in the written tests, community project, literary critiques and table clinic. A grade earned below 80% will make the student ineligible to be promoted to the next semester.

A	94-100
B	87-93
C	80-86
D	79-73
F	72 and below

**ENTRY-LEVEL SKILLS:** None

**PREREQUISITE:** None

**CO-REQUISITES:** DHG 143, DHG 255

**Disabilities Statement:** Any student who feels she or he may need an accommodation based on the impact of the disability should contact the Special Resources Office (SRO) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.