

# Virginia Western Community College

## DNH 227

### Public Health Dental Hygiene II

**Prerequisites:**

Successful completion of DNH 226.

**Course Description:**

Applies concepts of public health program planning through student directed community projects with an emphasis on preventive oral health education. Includes development of table clinics, bulletin boards, and volunteer service in the community.

DNH 227 is the lab component of DNH 226. Lecture material is delivered during the 1st three weeks of the semester via two-way audio and two-way video. Lecture material is reinforced and practiced for the remainder of the course via completion of the program plan, lesson plan, bulletin board and community service. The clinical component of the course is an opportunity for the student to demonstrate a working knowledge of lecture material. During the lab component of the course, students will interact with the instructor on a biweekly basis. (Additional description added by faculty member)

**Semester Credits: 1****Lecture Hours: 0****Lab/Clinical/Internship Hours: 3****Required Materials****Textbook:**

Dental Public Health; Contemporary Practice for the Dental Hygienist. Nathe. 3rd Edition.  
ISBN: 9780135142059

**Other Materials:**

Dental Hygiene Concepts Cases and Competencies. Daniel, Susan J. & Harfst, Sherry A. Mosby.  
ISBN: 9780323043526

Clinical Practice of the Dental Hygienist. Wilkins, Esther M. 11<sup>th</sup> Edition. Rittenhouse.  
ISBN: 9780781763226

Virginia Western Community College Dental Hygiene Student Guidelines and Procedures Manual, 2013-2014.

## **Course Outcomes**

**At the completion of this course, the student should be able to:**

- Apply knowledge and understanding of the public health process in appropriately identifying and assessing public health target populations
- Collect and analyze data pertaining to target populations
- Implement an approved public health program plan
- Implement two approved lesson plans for grades K-12
- Appropriately evaluate and document public health program plan and lesson plans via self-assessment and group assessment.
- Apply a continuing process of self-development and self-evaluation
- Demonstrate professional interaction skills with peers, faculty, target populations, other health care professionals, and community agencies
- Apply knowledge of public health problems and populations in developing and creating a marketing/public relations project.

## **Program Student Learning Outcomes:**

DNH 227 Exposes students to a wide variety of Public Health topics that will enable students to reach the following competencies expected of new graduates:

### **DOMAIN: ETHICAL VALUES & PROFESSIONALISM**

- Adhere to state & federal laws, regulations, & recommendations in the provision of dental hygiene care.
- Serve all patients without discrimination, appreciating population diversity

### **DOMAIN: HEALTH PROMOTION AND COMMUNITY INVOLVEMENT**

- Assess the oral health needs of the community and the quality and availability of resources & services.
- Develop, deliver, and evaluate outcomes of community oral health programs and services that incorporate strategies for health promotion, disease prevention & health maintenance.
- Provide screening, referral, and educational services that allow patients to access the resources of the health care system.

### **DOMAIN: DENTAL HYGIENE PROCESS OF CARE**

- Provide accurate, consistent & complete documentation for assessment, diagnosis, planning, implementation, evaluation & documentation of dental hygiene services.
- Use principles of risk management to assess & manage risk, and prevent liability.
- Utilize critical thinking and problem solving skills.
- Evaluate and integrate evidence based research outcomes with clinical expertise and patient values.
- Support optimal oral wellness for all patients.

## **Topical Description**

### **I: Integrating Dental Health Education into the Classroom**

- Teaching Methods
- Classroom Presentation
- Classroom Management

### **II: Planning and Implementing a Dental Health Plan**

- The Importance of Plaque Control
- Brushing for Good Oral Health
- Flossing for Good Oral Health
- The Use of Fluoride
- Nutrition and Health Teeth
- Dental Sealants
- Dental Safety and Oral Injury Prevention
- Anti-Tobacco Lessons
- The Dental Office Visit
- Children with Special Needs

### **III: Creating a Community Outreach Program**

- Adult Learners
- Low Literacy Learners
- The Oral Health of Older Americans
- Dental Health Fair
- Parent Education Meeting

## **Note to Instructors**