

## **DHYG 235 Dental Public Health** 3 CREDITS

### **SYLLABUS**

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#### **CATALOG DESCRIPTION**

Study of the principles and concepts of community public health and dental health education with an emphasis on community assessment, educational planning, implementation and evaluation. Introduction to statistical, scientific review of literature. Laboratory emphasizes methods and materials used in teaching dental health education in various community environments.

Prerequisites: DHYG 221, 225 ; Co-requisites: DHYG 229, 233, 234, 237

Semester Offered: Fall

#### ***Common Student Learning Outcomes***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

## Course Learning Outcomes \*\*

Upon successful completion of the course, the student will be able to...

1. Define the roles of dental hygienists in a community setting as members of health care teams and within collaborative frameworks.
2. Describe characteristics of current dental care delivery systems; including the social, political, psychological, cultural and economic factors that affect utilization of the system and trends that may influence the delivery of oral health care in the future.
3. Explain the major issues influencing current modes of dental care delivery including health literacy, health equity and the need for language interpreters and translation services.
4. Demonstrate knowledge and skills in each of the following subject areas as they relate to community-based needs:
  - a. Oral epidemiology and research methodologies
  - b. Oral Health education and promotion strategies
  - c. Government influence on the dental care delivery system.
  - d. Prevention, control, and treatment of oral diseases at the community level
  - e. Program planning, implementation and evaluation
5. Compare the effectiveness, efficiency, practicality, and economic feasibility of disease prevention measures when applied to community-based dental programs.
6. Identify the needs of a target population by gathering and analyzing appropriate assessment data.
7. Assess, diagnose, plan, implement, and evaluate a community-based program
8. Formulate channels of communication to promote Interprofessional community collaboration
9. Analyze current dental hygiene concepts and products through a scientific critique of the literature.
10. Service Learning Competency: Students will assess population health and engage in primary care service delivery to multicultural and heterogeneous groups. (CODA)

*\*\* ADEA Compendium of Curriculum Guidelines for Allied Dental Education Programs May 2015*

## Course Goals

1. The student will apply community dental health principles to prevent disease and promote health through participating in organized community based programs.
2. The student will acquire and apply evidence-based knowledge and skills to meet the dental health needs of community groups such as Head Start, demonstrated through providing oral health screenings, fluoride varnish, and oral health education at Head Start sites.
3. The student will research, design, and create an evidence-based scientific Table Clinic as outlined and approved by the course instructor. The Table Clinic will be formally presented to the Dental Community.
4. The student will design a dental hygiene health lesson plan that meets the educational needs of a target population as evidenced by a 75% or higher accuracy on learning assessments.

**Course Outcomes Inventory:** The effectiveness of DHYG 235 is measured by several methods:

1. Completion of all course work with a satisfactory grade.
2. Course evaluations.
3. Analysis of dental public health application of material presented.
4. Scores on National and Regional Boards are reviewed and evaluated.