

SYLLABUS  
DHYG 235 Dental Public Health

San Juan College

Division: Math, Science and Health Careers

CREDITS: 3 (2 + 3+ 0)

**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 sessions.

**Semester Offered:** Fall

**Prerequisites:** DHYG 221, 223, 224, 227, and 229 with a "C" or above. Co-requisites: DHYG 231, 233, 234, 237, and completed with a "C" or above or enrolled in SOCI 110.

*Common Student Learning Outcomes*

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

<i>Learn</i>	<i>Students will actively and independently acquire, apply and adapt skills and knowledge to develop expertise and a broader understanding of the world as lifelong learners.</i>
<i>Think</i>	<i>Students will think analytically and creatively to explore ideas, make connections, draw conclusions, and solve problems.</i>
<i>Communicate</i>	<i>Students will exchange ideas and information with clarity and originality in multiple contexts.</i>
<i>Integrate</i>	<i>Students will demonstrate proficiency in the use of technologies in the broadest sense related to their field of study.</i>
<i>Act</i>	<i>Students will act purposefully, reflectively, and respectfully in diverse and complex environments.</i>

**General Learning Objectives**

1. The student will design a dental hygiene program plan that meets the needs of a target population as evidenced by a 70% or higher accuracy on learning assessments.
2. The student will categorize the governmental, sociological, environmental, and cultural concerns of the community as evidenced by a 70% or higher accuracy on learning assessments.
3. The student will describe the principles and concepts of community public health and dental health education.

**General Competencies**

The following course competencies are adapted from the American Association of Dental Schools, Section on Dental Hygiene Education Competency Development Committee's Competencies for Entry into the Profession of Dental Hygiene.

1. To describe wellness, health determinants, and characteristics of various patient/client communities.
2. To demonstrate the ethics, values, skills and knowledge integral to all aspects of dental public health.
3. To explain the dental hygienist's complex role at the local, state, and national level.
4. To assess, plan, and implement programs and activities to benefit the general population.

5. To influence others to facilitate access to care and services.
6. To communicate effectively with individuals and groups from diverse populations verbally and in writing.
7. To promote the values of oral and general health and wellness to the public and organizations within and outside the profession.
8. To identify individual and population risk factors and develop strategies that promote health related quality of life.
9. To assess the oral health needs of the community and the quality and availability of resources and services.
10. To facilitate client access to oral health services by influencing individuals and/or organizations for the provision of oral health care.
11. To evaluate reimbursement mechanisms and their impact on the patient's/client's access to oral health care.
12. To evaluate the outcomes of community based programs and plan for future activities.
13. To identify alternative career options within public health and evaluate the feasibility of pursuing dental hygiene opportunities.

### **Specific Learning Outcomes:**

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

1. Discuss the roles of the dental professional within a community setting.
2. Describe characteristics of the current dental care delivery systems; discuss the social, political, psychological, cultural and economic factors that affect utilization of the system and trends that influence the delivery system in the future.
3. Describe the major problems with current health care.
4. Demonstrate knowledge and skills in each of the following subject areas as they relate to these community-based needs:
  - a. Oral epidemiology
  - b. Dental health education
  - c. Health promotion strategies
  - d. Prevention, control, and treatment of oral diseases
  - e. Program planning and evaluation
5. Compare the effectiveness, efficiency, practicality, and economic feasibility of the preventive measures when applied to community-based programs.
6. Identify the needs of a target population by gathering and analyzing appropriate assessment data.
7. Plan, implement, and evaluate a community-based program that meets a target population.
8. Appraise current dental hygiene education/dental related literature through a scientific, statistical analysis in written journal reports.

Syllabus developed by Patricia Price, RDH, M.Ed      Date: August 23, 2004  
 Syllabus reviewed by \_\_\_\_\_      Date: \_\_\_\_\_

COURSE GUIDE

DHYG 235 Dental Public Health  
(2 + 3+ 0) 3 credit hours

Instructor: Patricia Price, RDH, M.Ed  
Office Hours: Tues. 4–5; Wed. 4–5  
Fri. 8-5

Office Phone: 566-3138

Office: Rm. # 55324

**Required Textbook:**

Dental Public Health: Contemporary Practice for the Dental Hygienist, (2005) 2<sup>nd</sup> Ed., Nathe, C.N., Upper Saddle River, NJ: Prentice Hall

**Supplementary Textbooks and Materials:**

- Dental Hygiene, Concepts, Cases, and Competencies, (2004 Update), Daniel & Harfst. St. Louis: Mosby.
- Dental Hygiene Theory and Practice, (1999) Darby, M and Walsh, M. Philadelphia: W. B. Saunders Company
- Primary Preventive Dentistry, (1999) 5<sup>th</sup> Ed., Harris, N. and Garcia-Godoy, F. Stamford, CT: Appleton & Lange
- Reference books available in Dental Hygiene Program Office and Library

<b>Group Projects:</b>	<b>Total Points</b>
1. School Education Project	100
2. Table Clinic Project	100
3. Community Health Project: TBA	100
4. Community Health Project Paper	100

<b>Grading Criteria:*</b>		<b>Grading Scale:</b>
Journal Reviews	20%	A= 90- 100%
Dental Health Projects	40%	B= 80- 89%
Examinations & Quizes	40%	C= 70- 79%
		D= 60- 69%**
		F= below 60%**

*\*A dental hygienist must exhibit professionalism through the application of a professional code of ethics. Unprofessional conduct will be reflected in the grade and may be grounds for dismissal. Refer to Clinic Manual for further information.*

*\*\* A final grade below a "C" (70%) constitutes dismissal from the Dental Hygiene Program*

Instructor's Policies:

Preparation: During this course it is expected that the student prepare for class. This includes reading or viewing the information prior to class. Students should be prepared to participate in active learning discussions in each class on the topic assigned for that day.

Attendance Policy: Students are expected to attend all regularly scheduled classes, labs and clinics. Students are expected to be on time.

Quizzes and Exams: Quizzes and Exams are scheduled throughout the semester and there may be unannounced quizzes at the discretion of the instructor. If the student has adequately prepared for the class there should be little trouble passing these tests or completing course assignments.

Make-Up Policy: A student will not be allowed to make up quizzes (a zero will be given for each missed quiz). If a major examination is missed, it is the student's responsibility to make arrangements with the instructor and schedule a Make-Up Examination. The Make-Up Exam will be different from the one given to the other students and may be oral, written, or a combination of both.

Assignments: Assignments that are not received on time will receive a 10% reduction in grade.

Lab/Clinic Usage: Students are not allowed in the lab or clinic without direct faculty supervision.

Professional Policy: All students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. Please refer to the Dental Hygiene Student Handbook for more information on Professional Qualities.

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 clinical application of material presented.
4. Scores on National and Regional Boards are reviewed and evaluated.

Accommodations Statement: Students who need accommodations (i.e. notetaker, interpreter, special seating, etc.) need to provide accommodation notices to the instructor. Students can contact the Students with Disabilities on Campus (SDOC) Coordinator in the Counseling Center, located in the Clocktower Building, to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.