

SYLLABUS

COURSE #: DHYG 231

COURSE TITLE: Periodontology

of CREDITS: 3 (3 +0+ 0)

CATALOG DESCRIPTION:

A study of the normal and diseased periodontium to include the structural, functional and environmental factors. Emphasis on etiology, pathology, treatment modalities, and therapeutic and preventive periodontics in a contemporary private practice setting.

Prerequisites: DHYG 224 and HLTH 118 with a "C" or above.. Co-enrollment: DHYG 233, 234, 235, 237 and enrollment in or completion with a "C" or above SOCI 110.

COURSE GOALS:

1. Upon completion of this course, the student will be able to demonstrate the ability to contrast normal and abnormal periodontium.
2. Upon completion of this course, the student will be able to demonstrate the ability to discuss the etiology and pathology of periodontal diseases including treatment modalities used for therapy and prevention.
3. Given a periodontal case study, the student will demonstrate the ability to interpret periodontal assessment data and develop a dental hygiene treatment plan.

LEARNING OUTCOMES:

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

1. List and recognize the structural, clinical, histologic, and radiographic features of periodontal health and disease.
2. Describe the functions of the periodontium, including the gingiva, dentinogingival junction, and attachment apparatus.
3. List and recognize factors related to dental-implant management.
4. Describe the relationship of systemic factors and their contribution to periodontal disease.
5. Recognize and describe clinical, radiographic, microbiological, and histopathological features of various periodontal diseases and differentiate among these diseases.
6. Describe, discuss, and illustrate current knowledge of the etiology and pathogenesis of periodontal diseases.
7. Discuss and differentiate between the diseases of the periodontium to include:
 - a. Gingivitis
 - b. ANUG
 - c. Periodontitis
8. Apply in a clinical situation, the use of periodontal assessments to describe correctly a patient's periodontal condition, including the extent and severity of any of the periodontal disease prior to and after treatment.
9. Enumerate on those factors that affect treatment modalities, progression of disease and anticipated response to treatment.
10. Describe the rationale for developing a sequence of treatment and explain how specific treatment objectives influence treatment planning.
11. Discuss the concepts, goals, techniques and medications that apply to periodontal therapy.
12. Describe the management of medical and surgical complications of periodontal therapy.

13. Apply the principles of nonsurgical periodontal instrumentation to include instruction, monitoring plaque-control procedures and professional mechanical instrumentation in a clinical situation.
14. List the indications and contraindications, methods, and material for occlusal therapy, splinting, tooth movement and iatrogenic factors of periodontal therapy.
15. Describe the indications, contraindications, objectives and methodology for the most commonly performed periodontal surgical procedures.
16. Discuss patient education methods and the use of antimicrobial therapeutic agents used in the treatment of periodontal therapy patients.
17. Explain the role of the dental hygienist in the providing nonsurgical periodontal therapy or supportive periodontal therapy.
18. Discuss the epidemiology and classification of periodontal disease.
19. Relate current literature to the role of periodontal disease to health-related issues.
20. Actively and independently acquire, apply and adapt skills and knowledge to develop expertise and a broader understanding of the world as lifelong learners.
21. Think analytically and creatively to explore ideas, make connection , draw conclusion , and solve problems
22. Exchange ideas and information with clarity and originality in multiple contexts
23. Demonstrate proficiency in the use of technologies in the broadest sense related to their filed of study
24. Act purposefully, reflectively, and respectfully in diverse and complex environ

This syllabus developed by: Julius N. Manz DDS

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San Juan College

COURSE GUIDE

DHYG 231 Periodontology (3 + 0+ 0) 3 credits

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Hours: Mon 8:00am – 12:00pm, Thurs 8:00am – 10:00am, Fri 8:00am – 12:00pm
or by appointment

Required Texts: Comprehensive Periodontics for the Dental Hygienist (2001). Weinberg, M., Westphal, C., Palat, M., Froum, S. New Jersey: Prentice Hall
Clinical Practice of the Dental Hygienist, (1999) 8th ed.,
Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins

Reference Texts: Concepts in Nonsurgical Periodontal Therapy, (1998). Albany, N.Y.:
Delmar Publishers.
Clinical Periodontology, (2002). Carranza, F., Takei, H., Newman, M.
Philadelphia: W. B. Saunders.
Fundamentals of Periodontics, (1996). Wilson, T. and Kornman, K.
Chicago: Quintessence Books.
Color Atlas of Dental Medicine, (1989), 2nd ed., Rateitschak, K.
New York: Thieme
Current Literature
Reference texts available in library

Grading Criteria:*

Quizzes/Assignment	30%
Laboratory exercise	10%
Midterm Exam	25%
Research Paper	10%
Comprehensive Final Exam	25%

A = 90 - 100

B = 80 - 89%

C = 75 - 79%

D = 65 - 65%**

F = Below 65%**

**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 Student Handbook for further information.*

***A final grade below a "C" (75%) will interrupt a student's progress, and may result in dismissal from the Dental Hygiene Program. It is the responsibility of any student having difficulty with this course to contact the professor immediately and arrange for tutoring and/or other assistance.*

Instructor's Policies:

Preparation:

During this course it is expected that the student prepare for class. This includes reading or viewing the information to be discussed in class. If the student has adequately prepared for the class there should be little trouble passing quizzes, exams or completing course assignments.

Attendance Policy:

Students are expected to attend all regularly scheduled classes for which they are registered. Valid reasons for missing classes do not relieve the student from making up any missed work.

Make-Up Policy:

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 are to be handed in properly labeled at the start of class on the date designated. Assignments turned in later will receive a 10% reduction in grade.

Professional Policy:

All students are expected to participate in an active and productive manner which enhances learning for all in the classroom and clinical settings. Students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. Professional language and demeanor are expected at all times.

Academic Dishonesty:

Unethical and unprofessional activities will not be tolerated. Refer to the Dental Hygiene Handbook and the SJC Catalogue for more information.

Student Grievance Procedure:

Policies regarding Student Grievance can be found on page 54-55 of the SJC Course Catalog 2003-2004. A student who is experiencing a problem with the course or the course Instructor should make every attempt to resolve the problem with the course Instructor *first*. The student should then appeal to the Program Director. If the response is not adequate to the student, the student should then appeal to the Vice President of Student Services.

Course Outcomes Inventory:

The effectiveness of DHYG 231 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. note taker, 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.

