

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Dental Hygiene</u>								
COURSE RUBIC AND NUMBER	<u>DHYG 2231</u>								
COURSE TITLE	<u>Dental Hygiene Care II</u>								
COURSE CREDIT HOURS	<table style="margin-left: auto; margin-right: auto; border: none;"> <tr> <td style="text-align: center; padding: 0 10px;">2</td> <td style="text-align: center; padding: 0 10px;">2</td> <td style="text-align: center; padding: 0 10px;">:</td> <td style="text-align: center; padding: 0 10px;">1</td> </tr> <tr> <td style="text-align: center; padding: 0 10px;">Credit</td> <td style="text-align: center; padding: 0 10px;">Lec</td> <td></td> <td style="text-align: center; padding: 0 10px;">Lab</td> </tr> </table>	2	2	:	1	Credit	Lec		Lab
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Credit	Lec		Lab						

I. Catalog Description

A continuation of Dental Hygiene Care I. Dental hygiene care for the medically or dentally compromised patient including advanced instrumentation techniques. A grade of "C" or better is required in this course to take the next course. **Prerequisites: DHYG 2161 and ENGL 1301 and PSYC 2301 or PSYC 2314.**
Corequisites: DHYG 1207 and DHYG 1215 and DHYG 2362. (2:1). Lab fee.

II. Course Objectives

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

- C.3 Use critical thinking skills and comprehensive problem solving to identify oral health care strategies that promote patient health and wellness.
- PC.6 Utilize reflective judgment in developing a comprehensive patient dental hygiene care plan.
- HP.4 Identify individuals and population risk factors and develop strategies that promote health-related quality of life.
- PC.2 Recognize predisposing and etiologic risk factors that require intervention to prevent disease.
- PC.3 Recognize the relationships among systemic disease, medications, and oral health that impact overall patient care and treatment.
- PC.4 Identify patients at risk for a medical emergency and manage the patient care in a manner that prevents an emergency.

- Unit 1. Ultrasonic Instrumentation
 - 1. Correctly indicate the criteria for selection of ultrasonic inserts for both calculus and disease type.
 - 2. Demonstrate proper preparation of different ultrasonic units.
 - 3. Demonstrate proper tuning of water and power levels for individual tips and patient needs.
 - 4. Demonstrate appropriate technique for lavage and calculus removal when using an ultrasonic instrument.
 - 5. Identify and use appropriate sequencing.

- Unit 2. Root Morphology
 - 1. Identify and discuss the number and shapes of the roots of the permanent teeth.
 - 2. Identify and explain the significance of the anatomic landmarks, contours of the cementsoenamel junction, and root concavities of permanent teeth.

3. Identify the characteristics of root morphology in relationship to root instrumentation.
4. Discuss the importance of root trunk length.
5. Explain the etiology and contributing factors associated with the development of furcations and identify their classifications.
6. Discuss the treatment of furcation defects.

Unit 3. Anxiety and Pain Management

1. Explain the stress response and its relationship to pain.
2. Differentiate dental fear, dental anxiety, and dental phobia signs and symptoms.
3. Apply assessment tools for determining the degree of dental fear and anxiety.
4. Apply behavioral options for managing dental fear and anxiety.
5. Describe the need for pain control during periodontal instrumentation and the types of pain control available.
7. Identify the parts of and load a syringe.

Unit 4. Advanced Instruments

1. Discuss and demonstrate advanced fulcrum techniques.
2. Identify the instruments used for advanced hand root debridement.
3. Discuss and demonstrate the advantages, disadvantages of using extended shank and mini-bladed curets.
4. Discuss and describe the rationale and procedures for gingival curettage and root planning.

Unit 5. Special Needs

1. Identify conditions and diseases when given signs and symptoms.
2. Identify what “families” of drugs are used to treat diseases and conditions.
3. Identify the dental hygiene implications for each disease and condition.
4. Utilizing the Process of Care, provide appropriate treatment to different diseases and conditions.

III. THECB Learning Outcomes (WECM)

1. Formulate a dental hygiene care plan for the medically and/or dentally compromised patient.
2. Describe advanced instrumentation techniques.

IV. Evaluation

A. Overview of Course Requirements

Each student will successfully satisfy all course requirements and all assignments as specified in the DHYG 2253 Instructor’s Course Requirements Syllabus Part I.
Failure to complete ALL assignments successfully for DHYG 2253 will result in an “F” for the course.

B. Course Grading Scale

A = 93 – 100
B = 83 – 92
C = 75 – 82
D = 70 - 74
F = 70 and below

The minimum acceptable numerical grade is a 75 as determined by the program's promotion and graduation policies. If the final numerical number for the course is .5 or higher, the number will be rounded up to the next number.

Failure to complete all requirements for this course will result in a final grade of F. In addition, the failure to meet course requirements or attend class will be benchmarks for the Instructor of Record to determine if the student has ceased to pursue the criteria of the course and if determined so will be grounds to initiate a withdrawal from the course.

C. Remediation

If at any time during the semester it is determined that a student is performing at a below average level in any area of the course, the student will be counseled by the instructor of record and an appropriate course of action will be made and implemented to remedy.

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.

VII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.

DHYG 2231
INSTRUCTOR RESOURCES

Root Morphology

Dental Hygiene Theory and Practice, 5th edition, Michele Darby and Margaret Walsh
Foundations of Periodontics for the Dental Hygienist, 5th edition, Jill S Gehrig
William Ekvall
Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation, 8th edition,
Jill S. Gehrig

Anxiety and Pain Management

Clinical Practice of the Dental Hygienist, 10th edition Esther M. Wilkins
Painless Dentistry”: Helping Patients Overcome Fear of the Dentist, Compendium of Continuing Education in
Dentistry, Jerry Gordon

Advanced Instruments

Fundamental of Periodontal Instrumentation and Advanced Root Instrumentation, 8th edition,
Jill S. Gehrig
Hu Friedy Clinical Application Guide, Diagnostic Instruments and Periodontal Scalers
Periodontal Instrumentation and Advanced Root Instrumentation, 8th edition, Jill S. Gehrig
Dental Hygiene Theory and Practice, 5th edition, Michele Darby and Margaret Walsh

Magnetostrictive Ultrasonic

Ultrasonic Periodontal Debridement, Theory and Technique, 1st edition, Marie D. George
Dental Hygiene Theory and Practice, 5th edition, Michele Darby and Margaret Walsh
Hu Friedy Advanced Instrumentation
Periodontal Instrumentation and Advanced Root Instrumentation, 8th edition, Jill S. Gehrig

Special Needs Patients

Little & Falace’s Dental Management of the Medically Compromised Patient, 9th edition, James W. Miller
The ADA Practical Guide to Patients with Medical Conditions, 2nd edition
Clinical Practice of the Dental Hygienist, 10th edition Esther M. Wilkins
Dental Hygiene Theory and Practice, 5th edition, Michele Darby and Margaret Walsh