

**El Paso Community College**  
**Syllabus**  
**Part II**  
**Official Course Description**

<b>SUBJECT AREA</b>	<u>Dental Hygiene</u>								
<b>COURSE RUBRIC AND NUMBER</b>	<u>DHYG 2363</u>								
<b>COURSE TITLE</b>	<u>Clinical-Dental Hygiene/Hygienist IV</u>								
<b>COURSE CREDIT HOURS</b>	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 0 10px;"><b>3</b></td> <td style="text-align: center; padding: 0 10px;"><b>0</b></td> <td style="text-align: center; padding: 0 10px;"><b>:</b></td> <td style="text-align: center; padding: 0 10px;"><b>18</b></td> </tr> <tr> <td style="text-align: center; font-size: small;">Credits</td> <td style="text-align: center; font-size: small;">Lec</td> <td></td> <td style="text-align: center; font-size: small;">Lab</td> </tr> </table>	<b>3</b>	<b>0</b>	<b>:</b>	<b>18</b>	Credits	Lec		Lab
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**I. Catalog Description**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. A grade of "C" or better is required in this course to take the next course. **Prerequisites: DHYG 1207 and DHYG 1215 and DHYG 2231 and DHYG 2362. Corequisites: DHYG 2102 and DHYG 2253. (0:18). Lab fee. Professional Practice Insurance required.**

**II. Course Objectives**

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

- A. Holistic
  - C.1 Apply a professional code of ethics in all endeavors.
  - C.2 Adhere to state and federal laws, recommendations, and regulations in the provision of health care.
  - C.3 Use critical thinking skills and comprehensive problem solving to identify oral health care strategies that promote patient health and wellness.
  - C.4 Use evidence-based decision making to evaluate emerging technology and treatment modalities to integrate into patient dental hygiene plans to achieve high-quality, cost-effective care.
  - C.5 Assume responsibility for professional actions and care based on accepted scientific theories, research, and the accepted standard of care.HP.2. Respect the goals, values, beliefs, and preferences of others.
  - C.6 Continuously perform self-assessment for lifelong learning and professional growth.
  - C.9 Apply quality assurance mechanisms to ensure continuous commitment to accepted standards of care.
  - C.10 Communicate effectively with diverse individuals and groups, serving all persons without discrimination by acknowledging and appreciating diversity.
  - C.11 Record accurate, consistent, and complete documentation of oral health services provided.
  - C.12 Initiate a collaborative approach with all patients when developing an individualized care plan that is specialized, comprehensive, culturally sensitive, and acceptable to all parties involved in care planning.
  - C.13 Initiate consultations and collaborations with all relevant health care providers to facilitate optimum treatment.

- C.14 Manage medical emergencies by using professional judgement, providing life support, and utilizing required CPR and any specialized training or knowledge.
- HP.2. Respect the goals, values, beliefs, and preferences of the patients.
- CM.1. Assess the oral health needs and services of the community to determine action plans and availability of resources to meet health care needs.

B. Process of Care-Assessment

- HP.3. Refer patients who may have physiological, psychological, or social problems for comprehensive evaluation.
- CM.2. Provide screening, referral, and educational services that allow patients to access the resources of the health care system.
- PC.1. Systematically collect, analyze, and record diagnostic data on the general, oral, and psychosocial health status of a variety of patients using methods consistent with medicolegal principles.
- PC.2. Recognize predisposing and etiologic risk factors that require intervention to prevent disease.
- PC.3. Recognize the relationships among systemic diseases, 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.
  - 1. Obtain records and evaluate a comprehensive social, medical, dental, and nutritional health history.
  - 2. Recognize conditions that necessitate special consideration prior to and during treatment.
  - 3. Perform and document an extraoral examination that includes soft and hard tissues of the head, neck, and oral cavity.
  - 4. Perform and document an examination of the dentition that includes dental charting, occlusion, and assessment of hard and soft tissue.
  - 5. Perform and document an examination of the periodontium that includes gingival assessment, recession, bleeding upon probing, sulci and/or pocket measurements, clinical attachment level, furcation involvement, tooth fremitus, mucogingival conditions and radiographic findings.
  - 6. Evaluate patient risk factors for oral diseases.
  - 7. Recognize pertinent and significant assessment findings from those that are not significant of within a normal range.
  - 8. Assess the need for and expose, develop, interpret, and evaluate intraoral/extraoral images to support the clinical examination.
  - 9. Assess the need for and expose, develop, and utilize intraoral photography.
  - 10. Employ all radiation safety principles.
  - 11. Use supplemental screening tools to support assessment strategies such as Periodontal Screening and Recording (PSR), alginate impressions and study models, indices, phase microscope, and vitality testing.
  - 12. Assess for the patient's oral health needs, beliefs, knowledge, skills, and self-care practices.
  - 13. Value the need for consistently performing patient assessments at professionally accepted standards of care.
  - 14. Identify and implement individualized guidelines for caries risk assessment for both the child and adult patient.
  - 15. Assess the need and type of dental nutritional counseling for patients in need.

C. Process of Care-Dental Hygiene Diagnosis and Planning

- HP.4 Identify individuals and population risk factors and develop strategies that promote health-related quality of life.
- HP.5 Utilize methods that ensure the health and safety of the patient and the oral health profession in the delivery of care.
- PC.5 Use patient assessment data, diagnostic technologies, and critical decision-making skills to determine a dental hygiene diagnosis, a component of the dental diagnosis, to reach conclusions about the patient's dental hygiene care needs.
- PC.6 Utilize reflective judgment in developing a comprehensive patient dental hygiene care plan.

- PC.7 Collaborate with the patient and other health professionals as indicated to formulate a comprehensive dental hygiene care plan that is patient-centered and based on the best scientific evidence and professional judgment.
- PC.8 Make referrals to professional colleagues and other health care professionals as indicated in the patient care plan.
- PC.9 Obtain the patient's informed consent based on a thorough case presentation.
  - 1. Analyze the patient's need for preventive, educational, and therapeutic dental hygiene services.
  - 2. Synthesize patient assessment findings and risk factors to formulate a patient-centered dental hygiene treatment plan and case presentation.
  - 3. Identify the factors that contribute to the patient's preventive, educational, and/or therapeutic oral health needs.
  - 4. Propose measurable patient outcome goals for oral health.
  - 5. Appoint, plan, and sequence dental hygiene care to meet the patient's oral health goals.
  - 6. Value the importance of patient-centered care and concepts of health promotion.
  - 7. Appropriately manage, plan for, and treat special needs patients.
- D. Process of Care-Implementation
- PC.10 Provide specialized treatment that includes educational, preventive, and therapeutic services designed to achieve and maintain oral health. Partner with the patient in achieving oral health goals.
- HP.6 Utilize methods that ensure the health and safety of patient and the oral health in the delivery of care.
  - 1. Demonstrate and apply intra- and extra- oral fulcrums.
  - 2. Demonstrate correct ergonomics for both student and patient.
  - 3. Provide individualized educational services using appropriate interpersonal communication skills and educational strategies to promote optimum health.
  - 4. Discuss the conditions of the oral cavity, actual and potential; etiology of the problems identified; and recommend appropriate treatment.
  - 5. Identify when pain and anxiety management is indicated.
  - 6. Utilize pain and anxiety management strategies to include topical anesthetics, non-injectable anesthesia, and local anesthesia.
  - 7. Provide treatment that includes therapeutic and preventive procedures to maintain and promote oral health and assist the patient in achieving his/her oral health goals.
  - 8. Employ correct instrument selection for calculus removal on all Stage presentations.
  - 9. Assess for and feel calculus in health and Stage I – IV and Code A – D utilizing the appropriate technique.
  - 10. Apply the principles of instrument design to include shank, handle, and working end/blade to select the hand instrument that will provide for maximum effectiveness, safety, and efficiency in debridement procedures.
  - 11. Apply the principles of instrumentation to include grasp, fulcrum, adaptation, angulation, activation, stroke, and lateral pressure to assure complete debridement.
  - 12. Utilize nonsurgical therapeutic periodontal debridement procedures that best support the patient's oral health condition.
  - 13. Determine when ultrasonic instrumentation is indicated in patient care and employ the correct techniques utilizing all inserts.
  - 14. Perform nutritional and tobacco cessation counseling for oral health management.
  - 15. Identify the indications for and demonstrate correct brushing, flossing, and dental aids technique(s).
  - 16. Appropriately recommend home care regimens, dental aids, and medicaments as indicated for the individual patient.
  - 17. Clarify what type of polishing technique(s) is/are indicated and properly perform the technique(s).
  - 18. Employ the air flow to remove dental biofilm and extrinsic stain.
  - 19. Successfully utilize the air flow to deliver therapeutic medicament to diseased pockets.
  - 20. Identify when preventive and therapeutic topical agents are indicated and apply for disease management.

21. Place and evaluate placement of dental sealants.
  22. Maintain sharp instruments.
  23. Follow appropriate infection control for all clinical procedures according to OSHA, CDC, federal, state standards, and regulations.
- E. Process of Care – Evaluation and Documentation
- PC.11 Evaluate the effectiveness of the provided services and modify care plans as needed.
- PC.12 Determine the outcomes of dental hygiene interventions using indices, instruments, examination techniques, and patient self-reports as specified in patient goals.
- PC.13 Compare actual outcomes to expected outcomes and reevaluate goals, diagnosis, and services when expected outcomes are not achieved.
1. Evaluate gingival tissue and gingival tissue response to determine tissue health or disease.
  2. Recommend referral for additional assessment and/or treatment.
  3. Value and commit to the importance of evaluation in monitoring patient oral health.
  4. Establish the appropriate recare interval to meet the individual needs of the patient.
  5. Record and maintain comprehensive and accurate records of all information and services offered to and provided to the patient.
  6. Exhibit competence when utilizing the computer for medical, pharmacological, and dental concerns.
  7. Value and commit to the importance.

### III. THECB Learning Outcomes (WECM)

As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

### IV. Evaluation

#### A. Overview of Course Requirements

1. Each student will sign the EPCC *Unsafe Practice* contract which holds him or her liable for his or her actions and decisions in maintaining a safe clinical environment. Failure to practice *Unsafe Practice* EPCC protocols will result in stringent counseling and may result in immediate dismissal from the program.
2. Each student will comply with clinic policies and procedures as specified in the DHYG 2363 Instructor's Course Requirements, Syllabus Part I.
3. Each student will complete all clinic assignments and patient requirements as specified in the DHYG 2363 Instructor's Course Requirements, Syllabus Part I, and illustrated on Form EPCC Dental Hygiene Program Patient Care Program Competencies (DHYG 2363) by the last day of his or her clinic session.

*Failure to complete ALL clinic requirements and assignments in DHYG 2363 will result in an "Incomplete" or an "F" for the course.*

#### B. Course Grading Scale

- A = 93 - 100  
B = 83 - 92  
C = 75 - 82  
D = 70 - 74  
F = 69 and below

The minimum acceptable numerical grade is a “C” or 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.

C. Scale Used for Minimum Patient Requirements

A = 99

B = 92

C = 82

D. Grading Weights

Each of the following areas is a component of the clinical course requirements. The accumulative score of these components will result in the final grade for the course.

Patient Requirements:	55%
Clinic Assessments/ Competencies	20%
Radiology:	15%
Clinic Assistant duties:	8%
	2%

Mock Wreb:

93 – 100 = 4 points

84 – 92 = 3 points

75 – 83 = 2 points

74 and below, but patient qualifies = 1 point

Patient does not qualify = 0 points

Points earned in Mock Wreb are added to the student’s overall GPA.

Failure to participate in Mock WREB may result in an F for the course.

Failure to complete all assignments (to include papers for No Patient) and requirements assigned in the course will result in an F for the course.

E. Remediation

If at any time during the semester it is determined that a student is performing at a below average level in any skill or lacking in knowledge as how to perform a skill, the student will be counseled by the instructor of record and an appropriate course of action will be made and implemented to remedy the concern(s).

**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.