

El Paso Community College Syllabus

Part II

Official Course Description

SUBJECT AREA	Dental Hygiene		
COURSE RUBRIC AND NUMBER	DHYG 1261		
COURSE TITLE	Clinical-Dental Hygiene/Hygienist I		
COURSE CREDIT HOURS	2	0	12
	Credits	Lec	Lab

I. Catalog Description

Provides 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 1103 and DHYG 1201 and DHYG 1219 and DHYG 1239 and DHYG 1304 and DHYG 1431. Corequisites: BIOL 2420 or BIOL 2421 and DHYG 1211 and DHYG 1235 and DHYG 2201. (0:12). Lab fee. Professional Practice Insurance required. *Dental Hygiene Discipline.*

II. Course Objectives

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

- A. Manage the patient and their needs in a professional and ethical manner.
- B. Consistently follow appropriate infection control protocols following EPPCC, OSHA, CDC.
- C. Consistently initiate and display critical thinking skills.
- D. Recognize incorrect positioning of operator, patient, and equipment and describe how to correct the problem(s).
- E. Recognize incorrect modified pen grasp on non-dominant hand and dominant hand and how to correct the problem(s).
- F. Recognize incorrect use of mirror and how to correct the problem(s).
- G. Understand the relationship of finger rest and fulcrum during instrumentation.
- H. Understand the proper stabilization of the dominant hand during instrumentation in preventing musculoskeletal problems in the clinician's hands and injury to the patient.
- I. Introduce the Individualized Treatment Plan and obtain Patient Informed Consent before patient treatment begins.
- J. Explain the collected data and identify the patient's condition or potential for risk and plan dental hygiene treatment accordingly.
- K. Complete the Dental Home Care Prescription form written in everyday language for all patient treatment at the time of presenting and signing Individualized Treatment Plan and Informed Consent form.
- L. Provide appropriate referral to a physician or dental specialist when findings indicate the need for further evaluation.
- M. Demonstrate skills necessary to obtain complete and thorough personal/medical/dental histories.
- N. Describe contraindications and complications for dental care presented by various medical conditions/diseases and medications utilizing textbooks and websites.
- O. Demonstrate skills necessary to obtain vital signs and recognize findings that have implications in planning dental treatment.

- P. Prepare a Drug Card file according to Pharmacology (DHYG 1235) criteria using websites on computer and PDR information; format is found in the Dental Hygiene Program Manual.
- Q. All potential patients will be screened by dentist and instructor to assess if patient meets criteria for treatment in Clinic I.
- R. Demonstrate appropriate use of medical and dental terminology as pertains to clinical assessments and treatment.
- S. Describe and document normal findings and abnormal deviations of the head, neck, and oral cavity using appropriate medical and dental terminology.
- T. Dental chart a dentition accurately by explaining dental charting purposes, verbalize and document the existing location and condition of all teeth and restorations.
- U. Describe and demonstrate exploring techniques for the detection of dental caries.
- V. Describe and demonstrate exploring techniques for the detection of calculus.
- W. Describe and demonstrate correct periodontal probing technique and adaptation on facial, lingual, proximal surfaces and beneath the contact area of two adjacent teeth.
- X. Evaluate and write a detailed precise description of the gingival tissue using required terminology; document the Dental Hygiene Diagnosis. At this time, the Dental Hygiene Diagnosis consists of gingival assessment, bleeding, and probing measurements.
- Y. At midterm, the student will be introduced to include the entire periodontium assessment data into the Dental Hygiene Diagnosis; using dental terminology to include CAL (clinical attachment level or loss), furcation involvement, mobility, recession, inadequate zone of attached gingiva, etc.).
- Z. Individualize education and prescribe oral hygiene instructions for specific patient treatment.
- AA. Individualize instrument selection according to patient needs.
- BB. Demonstrate the principles of instrumentation.
- CC. Hand scale all patients to completion.
- DD. Lavage all Type I and II patients utilizing the appropriate ultrasonic insert.
- EE. Determine which polishing technique(s) is/are indicated for the patient.
- FF. Identify the indications for fluoride and apply the appropriate method.
- GG. Identify the indications for and the application methods of desensitizing agents.
- HH. Successfully apply dental sealants.
- II. Successfully meet Radiology requirements.
- JJ. Perform required indices and calculate accordingly.
- KK. Determine the appropriate Recare interval to meet the individual needs of the patient.
- LL. Complete and pass all Clinic I DHYG 1261 Competencies.

III. THECB Learning Outcomes (ACGM) (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

The student will complete clinical patients as assigned.

The student will complete a minimum of 1 code B and enough code A patients to equal a minimum of 12 points to pass the course for a grade of “C or 79%”.

The student will hand scale to remove calculus from all patients to completion and follow up with

ultrasonic lavage to promote healing and remove biofilm from the teeth.

The student will satisfy all the radiology requirements.

The student will attend assigned affiliation site.

The student will place Pit and Fissure Dental Sealants on adult patients successfully.

The student will complete all Dental Biofilm Charting Indices on adult patients.

The student will independently manage the sterile room and duties of Clinic Assistant.

The student will successfully pass clinic competencies.

The student will comply with all Clinic I, DHYG 1261, clinic policies and procedures as specified in the EPCC Dental Hygiene Program Manual.

The student will complete all assignments, clinical and patient requirements as specified in the EPCC Dental Hygiene Program Manual and the DHYG 1261 Instructor's Course Requirements Syllabus Part I by the end of their last clinic session.

All students will agree to and sign the EPCC Unsafe Practice contract which will hold the student liable for their actions and decisions in regards to maintaining a safe clinical environment.

Failure to complete ALL clinic requirements and assignments in DHYG 1261 will result in an "Incomplete" or an "F" for the course.

B. Course Grading Scale

A = 100 - 93

B = 92 - 83

C = 82 - 75

D = 74 - 70

F = 69 and below

The minimum acceptable grade is a "C" or "75" points as 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 = 98

B = 89

C = 79

D. Grading Weights

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

Patient Requirements	65%
Clinic Assessments/Process of Care/Papers/Competencies	20%
Radiology	10%
Clinic Assistant Duties	3%
*Clinic I Final	2%

** The Instructor of Record will reserve the right to administer a final. The criteria for the administration of a clinical final will be based on the students' performances of clinic competencies.*

Clinic I Final accounts for 2% of the total course grade. In the event the final is not administered 2% will be included in the clinic assessments/process of care/papers/competencies; making it 22% of the total course grade.

Failure to complete all assignments, earn a minimum of 12 points, and requirements will result in an "Incomplete" or "F" for the course.

In addition, the failure of the student to appear for **all** clinic sessions and meet course requirements 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. Incidents of

unprofessional conduct and/or unsafe practice (as identified in the Instructor's Course Requirements Syllabus and the EPCC Dental Hygiene Program Manual) may result in an "F" for the course.

If a student receives an "Incomplete (I)," the Instructor of Record will determine the work which must be completed. The student has four months from the day the "Incomplete" is assigned to complete the assignment(s) and submit them to the instructor of record. The "I" will then be converted on the transcript to the letter grade of "C", which will be the highest letter grade that can be obtained after completing an "Incomplete". *Failure to complete the work owed within the four-month period, the grade of "I" will convert to an "F".*

E. Remediation

If at any time during the semester it is determined that a student is performing at/or below average level in any skill or determined to lack fundamental knowledge, clinically or theoretically, the student will be counseled by either a clinic instructor or the Instructor of Record, and an appropriate course of action will be made and implemented to remedy concern.

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. Dental Hygiene Entry-Level Competencies

Upon satisfactory completion of the curriculum, the student is expected to have an understanding of the following core competencies:

- 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.5 Assume responsibility for professional actions and care based on accepted scientific theories, research, and the accepted standard of care.
- 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 individualized care plans that are 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 optimal treatment.
- C.14 Manage medical emergencies by using professional judgment, providing life support, and utilizing required CPR and any specialized training and knowledge.
- HP.2 Respect the goals, values, beliefs, and preferences of the patients.
- HP.3 Refer patients who may have physiological, psychological, or social problems for comprehensive evaluation.
- HP.5 Evaluate factors that can be used to promote patient adherence to disease prevention or health maintenance strategies.
- HP.6 Utilize methods that ensure the health and safety of patient and the oral health professional in the delivery of care.
- CM.1 Assess the oral health needs and services of the community to determine action plans, and availability of resources to meet the health care needs.
- CM.2 Provide screening, referral and educational services that allow patient 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 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.
- 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.
- 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.
- 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, reevaluating goals, diagnoses, and services when expected outcomes are not achieved.