

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: DEH 2806L

COURSE TITLE: Clinical Dental Hygiene IV Laboratory

PREREQUISITE(S): DEH 2804L and DEH 2804

COREQUISITE(S): DEH 2930

CREDIT HOURS: 4

CONTACT HOURS/WEEK: 12

CONTACT HOUR BREAKDOWN:

Lecture/Discussion:

Laboratory:

Other Clinical Practice: 12

FACULTY WORKLOAD POINTS: 9.6

STANDARDIZED CLASS SIZE ALLOCATION: 6

CATALOG COURSE DESCRIPTION:

This course is a continuation of Dental Hygiene Clinic III. It includes advanced periodontal therapy with emphasis on synthesis of case information, recognition of advanced disease states and treatment regimens including the medically compromised. Critical thinking skills are emphasized to support evidence based decision making.

SUGGESTED TEXT(S): Daniel & Harfst, Dental Hygiene Concepts, Cases, and Competencies, Mosby Publishing. Latest Edition

Wilkins, E., Clinical Practice of the Dental Hygienist, Lea & Febiger Publishing. Latest Edition

Wyche, Student Handbook for Clinical Practice, Lippincott, Williams, & Wilkins, 2005

IMPLEMENTATION DATE: Fall Term, 2004 (20051)

REVIEW OR MODIFICATION DATE: Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
I. Introduction	6
A. Clinic Orientation B. Clinic Forms C. Clinic Equipment	
II. Preparation for the Clinic Appointment	5
A. Preventing Injuries in the Workplace B. Infection Control & Sterilization. C. Preparation and Maintenance of Dental Equipment	
III. Patient Assessment	40
A. Medical & Dental History B. Vital Signs C. Extra/Intra Oral Exam D. Dental Charting E. Identifying Treatment Needs in the Medically Compromised	
IV. Instrumentation	65
A. Advanced Scaling and Root Planing B. Use of the Ultrasonic Scaler in Areas Difficult to Access C. Use of the Air Polisher D. Advanced Fulcruming E. Stain Removal and Polishing F. Instrument Sharpening	
V. Pain Management	9
A. Desensitization B. Psychosomatic Pain Control C. Assisting with Local Anesthetic D. Topical Anesthetic E. Testing Tooth Vitality	
VI. Prevention of Oral Disease	25
A. Disclosing & Plaque Index B. Oral Disease Education C. Fluoride Application D. Sealant Placement	

COURSE TOPICS (CONTINUED)	<u>CONTACT HOURS PER TOPIC</u>
VII. Radiographs	15
A. Complete Series B. Vertical and Horizontal Bitewing Series C. Panoramic Series	
VIII. Professionalism	10
A. Patient Rapport B. Student, Faculty, Staff Relationship C. Appearance and Attire	
IX. Evaluation & Counseling	5
A. Self B. Instructor	
Total Contact Hours	180

PROGRAM TITLE: Dental Hygiene
COURSE TITLE: Clinical Dental Hygiene IV Laboratory
CIP NUMBER: 0317.010200

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

02.0 DEMONSTRATE THE ABILITY TO COMMUNICATE AND USE INTERPERSONAL SKILLS EFFECTIVELY

- The student will be able to:

- 02.01 Develop basic listening skills.
- 02.02 Develop basic observational skills and related documentation strategies in written and oral form.
- 02.03 Identify characteristics of successful and unsuccessful communication including barriers.
- 02.04 Respond to verbal and non-verbal cues.
- 02.05 Compose written communication using correct spelling, grammar and format.
- 02.06 Use appropriate medical terminology and abbreviations.
- 02.07 Recognize the importance of courtesy and respect for patients and other health care workers and maintain good interpersonal relationships.
- 02.08 Recognize the importance of patient/client education regarding health care.
- 02.09 Adapt communication skills to varied levels of understanding and cultural orientation.
- 02.10 Demonstrate telephone usage including taking messages.
- 02.11 Demonstrate ability to give and follow directions.
- 02.12 Distinguish between factual reports and personal opinion.

05.0 RECOGNIZE AND PRACTICE SAFETY AND SAFETY AND SECURITY PROCEDURES - The student will be able to:

- 05.01 Demonstrate the safe use of the medical equipment.
- 05.02 Recognize and report safety hazards.
- 05.03 Identify and practice security procedures for medical supplies and equipment.
- 05.04 Demonstrate proper body mechanics.

07.0 RECOGNIZE AND PRACTICE INFECTION CONTROL PROCEDURES - The student will be able to:

- 07.01 Demonstrate knowledge of medical asepsis.
- 07.02 Demonstrate knowledge of surgical asepsis.
- 07.03 Describe how to dispose correctly of biohazardous materials, according to appropriate government guidelines such as OSHA.

13.0 RECORD PATIENT ASSESSMENT DATA - The student will be able to:

- 13.01 Take and record a medical-dental histories.
- 13.02 Perform a visual assessment of existing oral conditions.
- 13.03 Record conditions diagnosed by the dentist.

LIST PERFORMANCE STANDARD ADDRESSED: (CONTINUED)

NUMBER(S): TITLES(S):

19.0 IDENTIFY AND PERFORM DENTAL AND CARPAL RADIOGRAPHIC PROCEDURES - The student will be able to:

- 19.03 Demonstrate radiologic health protection techniques.
- 19.04 Perform dark room/processing procedures, mix solutions.
- 19.05 Place and expose dental radiographic films.
- 19.06 Identify radiographic anatomical landmarks.
- 19.07 Mount radiographic surveys.

24.0 IDENTIFY AND EXPLAIN PRINCIPLES OF MICROBIOLOGY, DISEASE TRANSMISSION, DISEASE PREVENTION AND PERFORM DENTAL CARE - The student will be able to:

- 24.03 Recognize the need for and proper precautions for the prevention of disease transmission during all dental related procedures.

26.0 DESCRIBE PRINCIPLES AND PERFORM TECHNIQUES OF PREVENTIVE DENTISTRY - The student will be able to:

- 26.01 Perform oral prophylaxis and anticariogenic treatments.

27.0 PERFORM PATIENT PREASSESSMENT - The student will be able to:

- 27.01 Take, record, and correlate medical/dental history with dental hygiene treatment plan and services to be performed.
- 27.02 Use appropriate armamentarium to preassess and chart suspected findings of the oral cavity.
- 27.03 Take, record, and correlate vital sign observations with dental hygiene treatment plan and services to be performed.
- 27.04 Perform, record and correlate extraoral and intraoral examination findings with dental hygiene treatment plan and patient services to be performed.
- 27.05 Conduct complete periodontal examination including probing, radiographic interpretation, mobility assessment and tissue description.
- 27.06 Consult with dentist and physicians to verify dental and medical information and develop the treatment plan to be implemented.
- 27.07 Observe and record existing restorations, conditions, pathologies.
- 27.08 Interpret and correlate dental radiographs and dental charting with dental hygiene treatment plan.
- 27.09 Assess the patients nutritional status and prepare recommendations.
- 27.10 Perform soft tissue reassessment and evaluate the effects of initial dental hygiene therapy and make appropriate referrals.
- 27.11 Recognize systemic diseases from oral manifestations.
- 27.12 Record diagnosis made by dentist.
- 27.13 Recognize and react appropriately to contraindications to dental treatment found in medical and dental history.

LIST PERFORMANCE STANDARD ADDRESSED: (CONTINUED)

NUMBER(S): TITLES(S):

28.0 PERFORM DIRECT PATIENT SERVICES - The student will be able to:

- 28.01 Detect calculus for removal and differentiate between deposits and other causes of tooth surface roughness.
- 28.02 Scale teeth, performing periodontic debridement using appropriate armamentarium and instrumentation technique.
- 28.03 Apply appropriate chemo-therapeutic agents.
- 28.04 Manipulate mechanical instruments for deposit removal, i.e., ultrasonics and prophyjet.
- 28.06 Apply desensitizing agents where applicable.
- 28.07 Clean and polish removable appliances.
- 28.08 Direct patient in all home therapies to maintain and restore soft tissue health.
- 28.10 Provide recommendations for patient use of caries and specific healing needs.
- 28.12 Root plane to remove altered cementum.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

Section 1	
COURSE PREFIX AND NUMBER: <u>DEH 2806L</u>	SEMESTER CREDIT HOURS: <u>4</u>
COURSE TITLE: <u>Clinical Dental Hygiene IV Laboratory</u>	

Section 2
TYPE OF COURSE: (Click on the box to check all that apply)

<input type="checkbox"/> AA Elective	<input checked="" type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input type="checkbox"/> AS Professional Elective	<input checked="" type="checkbox"/> AAS Required Professional Course	<input type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____		
<input type="checkbox"/> General Education: (For General Education courses, you must also complete Section 3 and Section 7)		

Section 3 (If applicable)
INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:

<input type="checkbox"/> Communication	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

Section 4
INTELLECTUAL COMPETENCIES:

<input checked="" type="checkbox"/> Reading	<input checked="" type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input type="checkbox"/> Quantitative Skills	<input checked="" type="checkbox"/> Scientific Method of Inquiry
<input checked="" type="checkbox"/> Writing	<input checked="" type="checkbox"/> Listening	<input checked="" type="checkbox"/> Information Literacy	<input checked="" type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

Section 5	LEARNING OUTCOMES	METHOD OF ASSESSMENT
•	Upon successful completion of this course, students will be able to conduct complete periodontal examination including probing, radiographic interpretation, mobility assessment and tissue description	Clinical Competency
•	Upon successful completion of this course, students will be able to assess the patients nutritional status and prepare recommendations	Clinical Competency
•	Upon successful completion of this course, students will be able to detect calculus for removal and differentiate between deposits and other causes of tooth surface roughness	Clinical Competency
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Section 6
 Name of Person Completing This Form: Jeff Smith Date: 4/29/2008