

## FLORIDA STATE COLLEGE AT JACKSONVILLE

## COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: DEH 2530L

COURSE TITLE: Dental Hygienists Expanded Duties Laboratory

PREREQUISITE(S): DEH 1800, DEH 1800L, and Acceptance into the Dental Hygiene Program

COREQUISITE(S): DEH 2530

CREDIT HOURS: 1

CONTACT HOURS/WEEK: 2

CONTACT HOUR BREAKDOWN:

Lecture/Discussion:	
Laboratory:	2
Other _____:	

FACULTY WORKLOAD POINTS: 1.6

STANDARDIZED CLASS SIZE ALLOCATION: 12

CATALOG COURSE DESCRIPTION:

Laboratory practice of expanded function procedures delegated to the dental hygienist in the State of Florida (Rule 64B5-16) Division of Medical Quality Assurance, Florida Board of Dentistry.

SUGGESTED TEXT (S): Cooper & Wiechmann, Essentials of Dental Hygiene Clinical Skills, Pearson, Prentice Hall, 2006

IMPLEMENTATION DATE: Fall Term, 2004 (20051)

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

COURSE TOPICS	<u>CONTACT HOURS PER TOPIC</u>
I. Four-Handed Dentistry	2
A. Auxiliary Utilization	
B. Operating Zones	
C. Instrument Transfer	
II. Marginating and Polishing Amalgam Restorations	4
A. Finishing Amalgam Restorations	
B. Polishing Agents and Procedure	
C. Use of Finishing Burs and Stones	
III. Pit and Fissure Sealants	7
A. Rationale For Use and Selection of Teeth	
B. Isolation of Teeth	
C. Conditioning of Teeth	
D. Clinical Application of Sealant on Extracted Teeth	
IV. Rubber Dam Isolation	4
A. Rationale for Use	
B. Preparation of Material and Selection of Teeth	
C. Placement of Rubber Dam	
D. Removal of Rubber Dam	
V. Matrix Application and Use	2
A. Rationale for Use	
B. Selection of Teeth and Preparation of Material	
C. Placement of Matrix	
D. Removal of Matrix	
VI. Intra-Coronal Temporary Restorative Materials	4
A. Types of Material and Rationale for Use	
B. Placement of Base or Liner	
C. Mixing and Inserting Material	
D. Carving Temporary Restoration	
E. Removing Temporary Restoration	

COURSE TOPICS (CONTINUED)		CONTACT HOURS <u>PER TOPIC</u>
VII.	Extra-Coronal Temporary Restorative Materials	2
	<ul style="list-style-type: none"> <li>A. Rationale for Use and Types of Crowns</li> <li>B. Mixing of Temporary Cement</li> <li>C. Placement of Temporary Crown</li> <li>D. Removal of Excess Cement</li> </ul>	
VIII.	Periodontal Dressings	1
	<ul style="list-style-type: none"> <li>A. Functions and Types of Materials</li> <li>B. Mixing and Preparation of Material</li> <li>C. Placement of Periodontal Dressing</li> <li>D. Removal of Periodontal Dressing</li> </ul>	
IX.	Suture Removal	2
	<ul style="list-style-type: none"> <li>A. Functions of Sutures</li> <li>B. Types of Suture Materials</li> <li>C. Suture Removal Techniques</li> </ul>	
X.	Custom Trays	2
	<ul style="list-style-type: none"> <li>A. Use of Custom Trays</li> <li>B. Materials for Tray Fabrication</li> <li>C. Tray Fabrication Procedure</li> </ul>	
	Total Contact Hours	30

PROGRAM TITLE: Dental Hygiene  
COURSE TITLE: Dental Hygienists Expanded Duties Laboratory  
CIP NUMBER: 0317.010200

## LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S):                      TITLES(S):

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.

12.0 PERFORM CHAIRSIDE ASSISTING FOR SPECIALTY PROCEDURES - The student will be able to:

- 12.01 Apply principles of four-handed dentistry.
- 12.02 Evacuate and maintain the operating field.
- 12.03 Perform expanded functions as permitted by the Florida statute/law pertaining to dentistry.

20.0 IDENTIFY PROPERTIES AND USES, AND MANIPULATE DENTAL MATERIALS -The student will be able to:

- 20.02 Identify properties and uses and manipulate restorative materials.
- 20.03 Identify properties and uses and manipulate dental cements.
- 20.07 Perform dental laboratory procedures to include the fabrication of casts, custom trays and/or temporary crowns and bridges.



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

<b>Section 1</b> COURSE PREFIX AND NUMBER: <u>DEH 2530L</u>	SEMESTER CREDIT HOURS: <u>1</u>
COURSE TITLE: <u>Dental Hygienists Expanded Duties 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

<b>Section 5</b>	<b>LEARNING OUTCOMES</b>	<b>METHOD OF ASSESSMENT</b>
•	Upon successful completion of this course, students will be able to manipulate restorative materials.	Laboratory Competency
•	Upon successful completion of this course, students will be able to manipulate dental cements.	Laboratory Competency
•	Upon successful completion of this course, students will be able to perform expanded functions as permitted by the Florida statute/law pertaining to dentistry.	Laboratory Competency
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**Section 6**  
 Name of Person Completing This Form: Jeff Smith      Date: 4/29/2008