

## FLORIDA STATE COLLEGE AT JACKSONVILLE

## COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: DEH 2400

COURSE TITLE: *General and Oral Pathology*

PREREQUISITE(S): None

COREQUISITE(S): None

STUDENT ADVISING NOTES: Acceptance into the Dental Hygiene Program

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 3

CONTACT HOUR BREAKDOWN:

Lecture/Discussion:	3
Laboratory:	
Other _____:	

FACULTY WORKLOAD POINTS: 3

STANDARDIZED CLASS SIZE ALLOCATION: 24

## CATALOG COURSE DESCRIPTION:

This course is designed to provide knowledge in general pathology and specific pathologic processes, including inflammatory and immunologic defenses, as well as neoplastic, metabolic, inherited and developmental disturbances. A summary of each condition is presented and includes information to aid the Dental Hygienist in developing a clinically useful differential diagnosis.

SUGGESTED TEXT(S): Ibsen, Oral Pathology for the Dental Hygienist, Saunders, 2003

IMPLEMENTATION DATE: Fall Term, 1974 (751) (was DEH 00289)  
Fall Term, 2004 (20051) - TEMP # DEH 1933

REVIEW OR MODIFICATION DATE: Fall Term, 2002 (20031)  
Fall Term, 2005 (20061)  
Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS	<u>CONTACT HOURS PER TOPIC</u>
I. Introduction to general and oral pathology	3
A. Terminology	
B. Nature of disease	
C. Dental hygienists' roles	
D. Describing and documenting soft tissue lesions	
E. Describing and documenting oral lesions in bone	
F. Diagnosing oral lesions	
G. Classifying oral lesions	
H. Oral pathology: variations of the norm	
II. Inflammation, repair, immunity	12
A. Inflammatory response	
B. Breakdown of definition	
C. Purpose of the inflammatory response	
D. Inflammatory cells	
E. Local signs of inflammation	
F. Systemic signs of inflammation	
G. Hemodynamic reaction	
H. Cellular reaction	
I. Types of inflammatory responses	
J. Differences between acute and chronic inflammation	
K. Healing	
L. Types of healing	
M. Factors affecting healing	
N. Immune response	
O. Define and differentiate the immune response	
P. Antigen	
Q. Cells of the immune response	
R. Divisions of the immune response	
S. Immunopathology	
T. Oral pathology: reactive lesions	
U. Oral pathology: immunologic lesions	
V. Oral pathology: infectious lesions	
III. Developmental disorders	6
A. Define and differentiate	
B. Review of embryogenesis	
C. Developmental disturbances of soft tissue and teeth	
D. Developmental cysts	
E. Structures of a cyst	
F. Sources of epithelium lining the lumen	

COURSE TOPICS (CONTINUED)	<u>CONTACT HOURS PER TOPIC</u>
<ul style="list-style-type: none"> <li>G. Classification of cysts</li> <li>H. Pathology: developmental disturbances of soft tissue and teeth</li> <li>I. Pathology: odontogenic and nonodontogenic cysts</li> </ul>	
IV. Neoplasia	9
<ul style="list-style-type: none"> <li>A. Define and differentiate</li> <li>B. Neoplastic process</li> <li>C. Etiologic theories of oncogenesis</li> <li>D. Types of neoplasms</li> <li>E. Naming tumors</li> <li>F. Differentiating neoplastic histology</li> <li>G. Oral pathology: epithelial neoplasms</li> <li>H. Oral pathology connective tissue neoplasms</li> <li>I. Oral pathology: metastatic neoplasms</li> </ul>	
V. Metabolic disease	12
<ul style="list-style-type: none"> <li>A. Oral health/general health connection</li> <li>B. Disturbances in mineral metabolism</li> <li>C. Disturbances in carbohydrate metabolism</li> <li>D. Diseases of the skin and bones</li> <li>E. Vitamin deficiencies</li> <li>F. Genetic and inherited disorders</li> <li>G. Hematologic disorders</li> </ul>	
VI. Exams and quizzes	3
Total Contact Hours	45

PROGRAM TITLE: Dental Hygiene  
 COURSE TITLE: General and Oral Pathology  
 CIP NUMBER: 0317.010200

## LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLE(S):

02.0 DEMONSTRATE THE ABILITY TO COMMUNICATE AND USE INTERPERSONAL SKILLS EFFECTIVELY -

The student will be able to:

02.02 Develop basic observational skills and related documentation strategies in written and oral form

02.05 Compose written communication using correct spelling, grammar and format

03.0 DEMONSTRATE LEGAL AND ETHICAL RESPONSIBILITIES - The student will be able to:

03.07 Recognize and report abuse and neglect

08.0 DEMONSTRATE COMPUTER LITERACY - The student will be able to:

08.01 Define terms and demonstrate basic computer skills

10.0 APPLY BASIC MATH AND SCIENCE SKILLS - the student will be able to:

10.07 Organize and communicate the results obtained by observation and experimentation

15.0 IDENTIFY STRUCTURES AND EXPLAIN FUNCTIONS AND PATHOLOGIES OF DENTAL AND GENERAL ANATOMY - The student will be able to :

15.05 Recognize and describe oral pathological conditions

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

21.04 Identify deficiencies that manifest symptoms in the oral cavity

23.0 IDENTIFY AND EXPLAIN FUNCTIONS OF DENTAL ANATOMICAL LANDMARKS AND DESCRIBE PATHOLOGICAL CONDITIONS OF THE TEETH, SOFT TISSUES AND SUPPORTING STRUCTURES OF THE ORAL CAVITY - The student will be able to:

23.03 Describe the metabolism of nutrient foods, vitamins and minerals by the human body and pathological conditions related to nutrient deficiencies.

23.04 Recognize and describe oral pathological conditions related to the teeth and their supporting structures.

23.07 recognize and describe developmental anomalies related to the teeth, face, and oral structures

LIST PERFORMANCE STANDARD ADDRESSED: (Continued)

NUMBER(S):            TITLE(S):

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

- 27.04 Perform, record and correlate extraoral and intraoral examination findings with dental hygiene treatment plan and patient services to be performed.
- 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
- 27.11 Recognize systemic diseases from oral manifestations.



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>	
<b>COURSE PREFIX AND NUMBER:</b> <u>DEH 2400</u>	<b>SEMESTER CREDIT HOURS:</b> <u>3</u>
<b>COURSE TITLE:</b> <u>General and Oral Pathology</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 identify deficiencies that manifest symptoms in the oral cavity	Written examination
•	Upon successful completion of this course, students will be able to recognize and describe oral pathological conditions related to the teeth and their supporting structures.	Written examination
•	Upon successful completion of this course, students will be able to recognize and describe developmental anomalies related to the teeth, face, and oral structures	Written examination
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**Section 6**

Name of Person Completing This Form: Jeff Smith                      Date: 4/29/2008