

## FLORIDA STATE COLLEGE AT JACKSONVILLE

## COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: DES 1010

COURSE TITLE: Head and Neck Anatomy

PREREQUISITE(S): BSC 2085C and Acceptance into the Dental Hygiene Program

COREQUISITE(S): None

CREDIT HOURS: 1

CONTACT HOURS/WEEK: 1

CONTACT HOUR BREAKDOWN:

    Lecture/Discussion: 1

    Laboratory:

    Other \_\_\_\_\_:

FACULTY WORKLOAD POINTS: 1

STANDARDIZED CLASS SIZE ALLOCATION: 24

CATALOG COURSE DESCRIPTION:

This course is a study of the skeletal, muscular, circulatory, lymphatic and nervous systems of the head and neck. Emphasis is placed on the relevance to dental hygiene practice.

SUGGESTED TEXT(S): Fehrenbach, & Herring Illustrated Anatomy of the Head & Neck, Saunders, 3<sup>rd</sup> Edition, 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. Osteology of the Skull	4
II. Temporomandibular Joint	1
III. Muscles of the Head & Neck	2
IV. Lymphatics & the Spread of Dental Infection	2
V. Blood Supply to the Head & Neck	2
VI. Nerves of the Head & Neck and Anatomy of Local Anesthesia	3
VII. Quizzes and Examinations	1
Total Contact Hours	15

PROGRAM TITLE: Dental Hygiene  
COURSE TITLE: Head and Neck Anatomy  
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.

04.0 DEMONSTRATE AN UNDERSTANDING OF AND APPLY WELLNESS AND DISEASE CONCEPTS - The student will be able to:

- 04.01 Develop a basic understanding of the structure and function of the body systems.

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

- 15.01 Identify structures and functions of head and neck anatomy including bones, muscles, sinuses, salivary glands, nerves and blood vessels.

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

- 19.06 Identify radiographic anatomical landmarks.

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:

- 23.04 Identify anatomical structures and physiological function of the principle systems of the human body including the skeletal, muscular, integumentary, circulatory, lymphatic, endocrine, digestive, reproductive, respiratory, urinary, and nervous systems.

LIST PERFORMANCE STANDARD ADDRESSED: (continued)

NUMBER(S):            TITLES(S):

25.0 IDENTIFY AND EXPLAIN USAGE, ADMINISTRATION, INDICATIONS, CONTRAINDICATIONS, ADVERSE REACTIONS AND PRECAUTIONS OF PHARMACEUTICAL AND ANESTHETIC AGENTS USED IN THE TREATMENT OF DENTAL DISEASE AND OF THOSE AGENTS WHICH MAY INFLUENCE PATIENT CARE WHILE RECEIVING DENTAL TREATMENT - The student will be able to:

25.01 Recognize specific conditions in the oral cavity and modify hygiene treatment when indicated.

25.02 Describe methods of administering local anesthetics.

25.03 Identify the tissues innervated by each of the nerves associated with dental local anesthesia.



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>DES 1010</u>	<b>SEMESTER CREDIT HOURS:</b> <u>1</u>
<b>COURSE TITLE:</b> <u>Head and Neck Anatomy</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

	LEARNING OUTCOMES	METHOD OF ASSESSMENT
•	Upon successful completion of this course, students will be able to identify structures and functions of head and neck anatomy including bones, muscles, sinuses, salivary glands, nerves and blood vessels	Written Examination
•	Upon successful completion of this course, students will be able to describe methods of administering local anesthetics	Written Examination
•	Upon successful completion of this course, students will be able to identify the tissues innervated by each of the nerves associated with dental local anesthesia	Written Examination
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**Section 6**

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