

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: MLT 2190C

COURSE TITLE: Histology

PREREQUISITE(S): None

COREQUISITE(S): None

CREDIT HOURS: 4

CONTACT HOURS/WEEK: 6

CONTACT HOUR BREAKDOWN:

Lecture/Discussion:

Laboratory:

Other _____: 6 (Lecture/laboratory combination)

FACULTY WORKLOAD POINTS: 6

STANDARDIZED CLASS SIZE ALLOCATION: 20

CATALOG COURSE DESCRIPTION:

The course will present the study of human organs and tissues for the purpose of developing histotechnological skills. Emphasis will be placed on recognition, composition and functions of the organs and tissues. Macroscopic and microscopic laboratory examination and evaluation of specimens are included. This course may be offered by way of Internet.

SUGGESTED TEXT(S): Burkitt. Wheater's Functional Histology,
Churchill Livingston: Latest Edition

Stevens, Alan and Lowe, James, Human Histology,
Current Edition, Mosby

IMPLEMENTATION DATE: Fall Term, 1990 (911)

REVIEW OR MODIFICATION DATE: Fall Term, 1997 (981)
Fall Term, 2002 (20031)
Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
I. Introduction	6
A. Cellular Components	
B. Tissue Organization	
C. Overview of the Human System	
II. Epithelial Tissue	6
A. Types	
B. Structures	
C. Functions	
D. Macroscopic/Microscopic Evaluation	
III. Connective Tissue	6
A. Types	
B. Structures	
C. Functions	
D. Macroscopic/Microscopic Evaluation	
IV. Blood	6
A. Peripheral Blood	
B. Bone Marrow	
C. Macroscopic/Microscopic Evaluation	
V. Muscle Tissue	6
A. Types	
B. Structures	
C. Functions	
D. Macroscopic/Microscopic Evaluation	
VI. Nervous Tissue and Nervous System	6
A. Types	
B. Structures	
C. Functions	
D. Macroscopic/Microscopic Evaluation	
VII. Cardiovascular System	6
A. Components	
B. Structure	
C. Function	
D. Macroscopic/Microscopic Evaluation	
VIII. Lymphatic System	6
A. Components	
B. Structure	
C. Function	
D. Macroscopic/Microscopic Evaluation	

COURSE TOPICS (CONTINUED)	CONTACT HOURS <u>PER TOPIC</u>
IX. Integument A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6
X. Digestive System A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6
XI. Respiratory System A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6
XII. Urinary System A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6
XIII. Endocrine System A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6
XIV. Male Reproductive System A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6
XV. Female Reproductive System A. Components B. Structure C. Function D. Macroscopic/Microscopic Evaluation	6

PROGRAM TITLE: Histologic Technology

COURSE TITLE: Histology

CIP NUMBER: 0317.030800

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

12.0 IDENTIFY THE ANATOMIC STRUCTURE AND FUNCTION OF BODY SYSTEMS IN RELATION TO DISEASE STATES AND SERVICES PERFORMED BY THE HISTOTECHNICIAN -- The student will be able to:

12.01 Demonstrate knowledge of human anatomy and physiology as related to histotechnology.

12.02 Demonstrate knowledge of normal histology of human organs.

12.04 Identify tissue structures and cellular components; relate both to physiological functions.

12.05 Demonstrate knowledge of types of histological specimens usually submitted for gross and microscopic examination.

13.0 PRACTICE QUALITY ASSURANCE, SAFETY AND ACCEPTABLE COMMUNICATION SKILLS -- The student will be able to:

13.04 Demonstrate knowledge of diagnostic terminology.

15.0 RECEIVE TISSUE SPECIMENS AND PERFORM PREPARATION TECHNIQUES AS INDICATED -- The student will be able to:

15.06 Identify tissue structures and their staining characteristics.



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>MLT 2190C</u>	SEMESTER CREDIT HOURS (CC): <u>4</u> CONTACT HOURS (NCC): _____
COURSE TITLE: <u>Histology</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"/> PSAV	<input type="checkbox"/> Apprenticeship
<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"/> Communications	<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 type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input checked="" type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry	
<input type="checkbox"/> Writing	<input type="checkbox"/> Listening	<input checked="" type="checkbox"/> Information Literacy	<input type="checkbox"/> Ethical Judgment	<input type="checkbox"/> Working Collaboratively	

Section 5	
LEARNING OUTCOMES	METHOD OF ASSESSMENT
• Demonstrate knowledge of human anatomy & physiology as it pertains to histotechnology	Quizzes and Final Exam
• Demonstrate the ability to recognize and identify cellular structures and tissue types and their staining characteristics	Quizzes and Final Exam
• Correlate tissue and cell types to function	Quizzes and Final Exam
• Demonstrate knowledge of the normal histology of human organs	Quizzes, Final Exam and Lab Project
• Demonstrate knowledge of special stains used to identify tissues	Quizzes, Final Exam and Lab Project
• Communicate through artistic renditions the significant cellular morphology for designated tissues following specific written instructions	Lab Project
• Demonstrate the ability to utilize internet sources to supplement class materials	Quizzes and Lab Project

Section 6	
Name of Person Completing This Form: <u>Rhoda Jost</u>	Date: <u>11/14/2007</u>