ANATOMY 1 ♦ SECTION 7202 SPRING 2017 - SCHEDULE Franceschi/ Beaton

INSTRUCTORS: Jeff Franceschi, PT Office: Baker 1812 Phone: 527 4999 email: jfranceschi@santarosa.edu
Caitlyn Beaton, BA Office: Baker 1814 Phone: 524 1615 email: cbeaton@santarosa.edu

CLASS HOURS: **MW** 5:00 PM - 6:30 PM lecture *(Section 7202)*
MW 6:30 PM– 9:30 PM lab
{lab practical exams on Fridays: 5:00 PM}
Office hours: MW 9:30-10:30 PM or by appointment.

TEXTS: **Human Anatomy**, McKinley & O'Lauglin, 3rd edition (also on reserve, call #QM23.2.M38 2006)
A Photographic Atlas of Histology, Leboffe
Human Anatomy Lab Manual, SRJC
Anatomy 1 Course Notes, Susan Wilson, PhD

SUPPLIES: Each student will need a lab apron or old shirt and gloves for dissection.

PREREQUISITES: College biology and English 1A with a grade of "C" or better

ASSIGNMENTS: There are no formal homework assignments. It is expected that students will preview the chapters in the text relevant to each day's lecture.

EVALUATION: Grades will be based on points earned as shown below:

7 lab exams, 100 points each, drop lowest	600 points
lecture exams: 4 midterms (500 points) & cumulative final (100 points)	600 points
lab dissection.	50 points
Total points	**1250 points**

Midterm and final exams include objective type and essay questions.

Grades are based on the number of points earned:
A= 90-100% B=80-89% C=70-79% D=60-69% F=0-59%

Students are expected to comply with universal guidelines of academic integrity. There are no make up exams except at instructors discretion Any student found cheating on an exam or removing materials from the lab will receive an F on that exam.

SPECIAL ARRANGEMENTS

I am happy to accommodate students needing additional assistance due to physical or learning disabilities. Students with special needs are encouraged to check-in with me and to contact Disability Resources at 527-4278 Analy Village –C as soon as possible to better ensure accommodations are implemented in a timely manner. Health issues (physical and mental) can interfere with your academic success. Student Health Services is here to support you. Details are at shs.studenthealth.edu

CLASSROOM ETIQUETTE

Every student is expected to abide by the SRJC code of conduct at all times.
Students are expected to behave respectfully to each other and the instructor. i.e. not speaking when someone else is speaking, arriving and leaving on time, etc. You should enroll in this class only if you are serious and prepared for college level work. If you cell phone rings during lecture or lab you will lose 5 points UNLESS you bring healthy treats for everyone to the NEXT class meeting.

STUDY SUGGESTIONS

1. Review notes and skim chapters before lecture.
2. Learn new vocabulary by writing and speaking the words often.
3. Immediately after the lecture (i.e. before midnight of the same day), **rewrite** your notes so that you understand every word you put down.
4. If you find you don't understand something, **ask questions** at the next class meeting.
5. Success in this course is achieved by studying to understand. Memorizing will not be enough.

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ATTENDENCE POLICY:

This is a university-level class, and students are expected to attend all lecture and lab sessions. Any student who fails to attend the first two class meetings will be dropped from this class. Additionally, any student who misses two weeks of class (6 lecture hours and 12 lab hours) will be dropped from this class.

EXAM REVIEW

Exams will be returned within one week of the exam date. If you feel there is any error in grading of a lab practical exam, submit a written rebuttal and return with your exam answer sheet for re-grading. This must be done within one week of the exam date. Similarly if you feel there has been any error in the grading a lecture exam, submit a written rebuttal within one week of receiving that graded exam. Note that students will not be allowed to keep their lecture exams. It is the policy of the Life Sciences Department to not return exams to students. The exams will be filed in my office and available for review throughout the semester. They will be kept for one month after the end of the semester and then shredded. It is therefore essential that any grade rebuttals are made within the allotted time frame.

ANATOMY LABORATORY

Please note the following observations and rules that apply to your time in the anatomy laboratory.

1. No materials (models, specimens, texts, keys) may be removed from the lab, ever. Do not ask!
2. People not enrolled in the class may not be in lab except with explicit permission from an instructor. No children are allowed in the lab at any time.
3. Students in one section of the course may not go into lab during another instructor's lab time.
4. No photographs may be taken of the cadavers or prosections.
5. Students must spend many hours in open lab in order to be successful in this course.
   There are open lab times during the week, when no labs are scheduled, on Fridays when no lab exams are scheduled, and on many weekends, usually Saturdays.

During open lab times students must ➔

- work quietly, avoid non-anatomy discussions inside the lab,
- take responsibility for keeping the lab clean, and materials put away properly
- treat cadavers and prosection material respectfully,
- share resources equitably.

E-COMMUNICATION

I will communicate via e-mail as needed You should get in the regular routine of checking your personal portal cubby. You may still use the SRJC e-mail address to communicate with me as well. Final grades will be posted electronically. You can find your grade by logging in on your personal cubby and navigating to the site where you can locate your grades for this Course.

Emergency Evacuation Plan

In the event of an emergency where you would usually call **911,** at SRJC you must instead dial **1000** from any campus phone or 527-1000 from your cell phone for an immediate police response.

In the event of an emergency during class that requires evacuation of the building, please calmly leave the class immediately. Our class will *meet on the lawn between Bailey and Bussman Halls* to make sure everyone got out of the building safely and to receive further instructions. If you are a student with a disability who may need assistance in an evacuation, please see me during my office hours as soon as possible s we can discuss an evacuation plan.

Specific Course Objectives

At the end of the course the successful student will be able to:

Name the organ systems of the body, describe their function and basic structural design.

Recognize and describe the major organs of each system, including their location in the body, gross anatomy, histological features, function.

Compare and contrast the four major tissue types. Know the names of subtypes of each of the major tissue types and where they might be located in the body.

Identify the specific anatomical structures listed in the lab manual using models, charts, prosections, cadavers and skeletons.

Describe the basic anatomical design of the human body, including its bilateral symmetry, segmentation, tube within a tube design, cavities.

Describe the various features of the body which are designed to provide protection for the essential organs and functions.

Identify and use a variety of resources for learning anatomy.

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Perform a simple dissection of some major organs in a cadaver.

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WEEK	DATE	LECTURE TOPIC	LAB WORK		LAB MANUAL
1	Jan 16	*Holiday*	*Holiday*		
	18	Introduction, Cells	Intro to Body, Cells	Ch 1	
2	23	Tissues, epithelial	Epithelial Tissue	Ch 2	
	25	Connective tissue	Connective Tissue Proper	Ch 3	
3	30	Integumentary system	Integument	Ch 4	
	Feb 1	**Midterm A**	Skeletal System: axial - skull	Ch 5	➔Feb 5 last day w/o W
	3	➔	**LAB EXAM 1** – *through integument*		
4	6	Cartilage, bone tissue	Skeletal: axial – vertebrae	Ch 5	
	8	Skeletal system	Cartilage and Bone Tissue	Ch 5	
5	13	Articulations	Skeletal: appendicular	Ch 5	
	15	Muscle tissue	Muscle : Regions1-4,10	Ch 6	dissection (M1)
6	20	*Holiday*			
	22	Muscle System	Muscle	Ch 6	dissection (M2)
	24	➔	**LAB EXAM 2** - *skeletal system*		
7	27	Muscle system	Muscle Regions 5-9	Ch 6	dissection (M3)
	Mar 1	Coelom and Viscera	Muscle Review	Ch 6	dissection (M4)
8	6	**MIDTERM 1** (*through muscular system*)			
	8	Circulation-Heart	Coelom & Viscera	Ch 7	
	10	➔	**LAB EXAM 3** – *muscle*		
9	13	Circulatory – vessels	Circulation -Heart	Ch 7	dissection (CV1)
	11	Circulatory -blood	Circulation - BV and blood	Ch 7	dissection (CV2)
		Mar 20 – Mar 24	*SPRING BREAK*		
10	27	Circulation - lymph	Circulation-blood vessels	Ch 7	dissection (CV3)
	29	Nervous intro	Circulation -lymph	Ch 6	dissection (CV4)
11	Apr 3	Nervous Cells, tissue	Nervous System-Cells	Ch 8	
	5	Nervous - spinal cord	Nervous system-Spinal Cord	Ch 8	
	7	➔	**LAB EXAM 4** - *viscera, circulation*		
12	10	Nervous - brain	Nervous system whole brain	Ch 8	
	12	Nervous - brain	Nervous system Midsag	Ch 8	

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13	17	Nervous – ANS	Nervous system slices	Ch 8	
	19	Nervous –pathways	Nervous system, nerves,BV	Ch 8	**April 23 drop with a W**
	21	➔	**LAB EXAM 5** - *nervous system*		
14	24	Special Senses	Special Senses	Ch 9	
	26	**MIDTERM 2** (CV through Nervous System)			
15 May	1	Digestive - GI tract	Digestive system	Ch 10	
	3	Digestive - glands	Digestive System	Ch 10	
16	8	Respiratory System	Respiratory System	Ch 11	
	10	Urinary System	Urinary System	Ch 12	
	12	➔	**LAB EXAM 6** – *senses, digestive*		
17	15	Male Reproductive	Reproductive System	Ch 13	
	17	Female Reproductive	Reproductive System	Ch 13	
	19		**LAB EXAM 7** *Respiratory, urinary, reproductive*		
18	**22**	**MIDTERM 3 & FINAL EXAM**	Monday, May 22, 4:00 PM 1820 Baker Hall		

Midterm A: Introduction, Cells, Tissues, Integument
Midterm 1: Introduction, Cells, Tissues, Integumentary, Skeletal & Muscular Systems
Midterm 2: Coelom & Viscera; Circulatory & Nervous Systems
Midterm 3: Senses; Digestive, Respiratory, Urinary & Reproductive Systems
Final Exam: Cumulative Questions

Lab Exam 1: Introduction, Cells, Epithelial Tissue, Connective Tissue Proper, Integumentary System
Lab Exam 2: Supporting Connective Tissue, Skeletal System
Lab Exam 3: Muscular Tissue & System, Knee Joint
Lab Exam 4: Coelom, Viscera, Circulatory System
Lab Exam 5: Nervous System
Lab Exam 6: Special Senses & Digestive System
Lab Exam 7: Respiratory, Urinary, Reproductive Systems