

## ANATOMY AND PHYSIOLOGY II - BIOL 221 (LABORATORY) (2014)

**COURSE DESCRIPTION:** An introduction to the structure and function of the human body. Lab work includes microscopic study and dissection.

**INSTRUCTOR:** Elma Severson

**OFFICE:** NSC 108

**OFFICE HOURS:** By appointment

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**LECTURE:** 7:45 - 8:35 am on Monday, Wednesday, and Friday in NSC 105 (L. Brooks)

**LAB:** 8:00 - 9:50 AM on Thursday in NSC 128

**LAB MANUAL:** Anatomy and Physiology Laboratory Manual, Kevin T. Patton 7<sup>th</sup> Edition

**GRADING:** Grading is based on a standard college curve, where students earn a grade based on the percent of the total points possible they obtain. The laboratory component of this course consists of 300 points (15 labs @ 10 points each (5 points for attendance and 5 points for lab write-ups . Quizzes will be given in addition to lab reports, at which points will apply instead of the reports), a 50 point report/presentation, and five lab exams @ 20 points each). Laboratory points are added to lecture points (900) to obtain the total points possible for the course (1200). There is a one week grace period to makeup any missed lab or lab exam. Any missed lab/lab exam not made up within the allotted time will be given a zero. Letter grades are assigned based on the following criteria:

- A = 89.5-100% of the total points
- B = 79.5-<89.5% of the total points
- C = 69.5-<79.5% of the total points
- D = 59.5-<69.5% of the total points
- F = <59.5% of the total points

### TENTATIVE COURSE OUTLINE

<u>DATE</u>	<u>TOPIC</u>	<u>LAB #</u>
1-23	Blood	34
1-30	Heart and Blood Pressure	35 & 37
2-6	LAB EXAM I	
	Circulatory and Lymphatic Systems	38 & 39
2-13	Circulatory and Lymphatic Systems	40

DATE	TOPIC	LAB#
2-20	LAB EXAM II	
	Respiratory System	41 & 42
2-27	Digestive System, Enzymes and Digestion	44, 45 & 46
3-6	LAB EXAM III and Presentations	
3-13	Nutrition	
3-20	NO LAB- SPRING BREAK(3-17-13 to 3-21-13)	
3-27	Urinary System (By Larry Brooks)	47 & 48
4-1-13	Advising Day	
4-3	Urinalysis	49
4-10	Reproductive Systems	50-52
4-17	LAB EXAM IV	
4-24	Development	53
5-1	Genetics and Heredity	54
5-8	LAB EXAM V and Presentations	