

Dakota College at Bottineau

HUMAN ANATOMY AND PHYSIOLOGY I- BIOL 220 (LABORATORY)

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

PHONE: 701-228-5467

E-MAIL: elma.severson@dakotacollege.edu

LECTURE: 7:45- 8:35 am MWF in NSC 105 and other IVN classrooms (L. Brooks)

LAB: 8:00-9:50 am on Thurs in NSC 128 (MSU-Bottineau students)

LAB MANUAL: Anatomy and Physiology Laboratory Manual, K. Patton, 7th 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 225 points (25 lab reports @ 5 points each, four lab exams @ 20 points each, and one written report worth 20 points). Laboratory points are added to lecture points (650) to obtain the total points possible for the course (875). There is a one week grace period to make up any missed lab or lab exam. Any missed lab/lab exam not made up within the allotted time will be given a zero. (Note: It is the responsibility of the student to schedule make-up labs and lab exams with the instructor a time convenient to both parties.) Letter grades are assigned based on the following criteria:

A= 90-100% of the total points
B= 80-89% of the total points
C= 70-79% of the total points
D= 60-69% of the total points
F= <60% of the total points

TENTATIVE COURSE OUTLINE

DATE	TOPIC	LAB #
9-1	Introduction/Organization of the Body/Dissection	1 & 2
9-8	Microscope and Cell Anatomy	3 & 4
9-15	Transport and Cell Life Cycle	5 & 6
9-22	LAB EXAM I; Tissues	7 & 8
9-29	Tissues and Skin	9 & 10
10-6	Skeleton	11, 12 & 13
10-13	Extremities and Joints	14, 15 & 16
10-20	LAB EXAM II; Muscles	17 & 18
10-27	Muscles	19
11-3	Muscles	19
11-10	Nerves	21 & 22
11-17	LAB EXAM III; Central Nervous System and Brain	23, 24 & 25
11-24	NO LAB- THANKSGIVING	
12-1	Touch/Taste/Smell	26, 27 & 28
12-8	Ear/Eye/Endocrine	29, 30, 31 & 32
12-15	FINAL LAB EXAM	