

# Dakota College at Bottineau

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## HUMAN STRUCTURE AND FUNCTION- BIOL 115 (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

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**LECTURE:** 2:00-2:50 am on MWF in IVN Studio by Larry Brooks

**LAB:** 3:00- 4:50 pm on Tuesdays in NSC 128

**LAB MANUAL:** Human Biology Laboratory Manual 12th Edition by Sylvia Mader

**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 tentatively consists of 200 points (14 labs worth 10 points each and four lab exams worth 15 points each). Laboratory points are added to lecture points (600) to obtain the total points possible for the course (800). Due to the nature of this course, missed labs cannot be made up. However, the lowest lab score will be dropped from the total points possible. There is one week grace period to make-up any missed lab exam. Any missed 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 lab exams with the instructor at 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 #
8-30-11	Use of the Light Microscope	2
9-5-11	LABOR DAY	
9-6-11	Basic Mammalian Anatomy	6
9-13-11	Cell Structure and Function	4
9-20-11	Human Body Tissues	5
9-27-11	LAB EXAM I over Labs 2-4 & 6	
	Skeletal System	13
10-4-11	Muscular System	13
10-11-11	Nervous system	14
10-18-11	No class	
10-25-11	LAB EXAM II over Labs 13 & 14	
	Senses	14
11-1-11	Cardiovascular System	7
11-8-11	Circulatory and Respiratory Systems	8
11-15-11	LAB EXAM III over Labs 7,8, & 14	
	Digestive System	9
11-22-11	Urinary System	12
11-29-11	Reproductive Systems	11
12-6-11	Development, Inheritance and Genetics	15 & 17
12-13-11	FINAL LAB EXAM over Labs 9,11, 12, 15 & 17	