

## **Dakota College at Bottineau Course Syllabus**

**Course Prefix/Number/Title:** BIOL 221H - Anatomy and Physiology II

**Number of Credits:** 1 semester credit

**Course Description:**

This course is an in-depth study of diseases of the human body. Students will be required to conduct individual or group research on diseases and/or disease treatment.

**Pre-/Co-requisites:** BIOL 221 – Anatomy and Physiology II

**Course Objectives:**

Upon completion of this course, students will:

- 1) Gain a better understanding of human diseases and their treatments,
- 2) Understand the process of conducting scientific research,
- 3) Construct a scientific research report, and
- 4) Work resourcefully in individual and group environments.

**Instructor:** Larry Brooks

**Office:** NSC 102

**Office Hours:** 10-11 AM on M, W, & F and by appointment

**Phone:** 228-5457

**Email:** [larry.brooks@dakotacollege.edu](mailto:larry.brooks@dakotacollege.edu)

**Lecture Schedule:** By arrangement

**Lab Schedule:** None

**Textbook:** None required

**Lab Manual:** None required

**Course Requirements:**

Although subject to slight modification based on the discretion of the instructor, this course will consist of approximately 275 points (class participation worth 75 points, a draft report worth 50 points, a final report worth 100 points, and a presentation worth 50 points). Final grades are issued on a “Satisfactory/Unsatisfactory (S/U) grading scheme. Students must earn 70% of the total points to receive a satisfactory “S” grade.

### **Tentative Course Outline:**

<b><u>WEEK</u></b>	<b><u>TOPIC</u></b>
1	Overview of course and course expectations
2	Overview of disease of the human body
3	Elements of a scientific paper/report
4	Diseases of the Cardiovascular System
5	Diseases of the Lymphatic System
6	Diseases of the Respiratory System
7	Diseases of the Digestive System
8	Diseases of the Urinary System
9	Diseases of the Reproductive System
10	Conducting scientific research
11	Conducting scientific research
12	Referencing works of other
13	Creating graphs and tables; draft report due
14	Creating graphs and tables
15	Peer review of research reports
16	Final presentation; final research report due

**General Education Goal and Objectives:** None

### **Relationship to Campus Theme:**

This course addresses the campus theme by incorporating the latest diagnostic procedures, treatments, and other technologies that are used to identify and treat human diseases/disorders.

### **Classroom Policies**

- 1) Cell phones, iPods, and related technology are prohibited in the classroom at all times. It is recommended that you do not bring your cell phone into the classroom or, at the very least, turn it off.
- 2) Food and beverages are permitted in accordance with classroom policy.
- 3) Be respectful of other students, instructors, and guests.

### **Academic Integrity**

All students are expected to adhere to the highest standards of academic integrity. Dishonesty in the classroom and with assignments is a serious offense and is subject to disciplinary action by the instructor and college administration. For more information, refer to the Student Handbook.

### **Disabilities and Special Needs**

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact your instructor and Jan Nahinurk in the Learning Center (228-5479) as early as possible during the beginning of the semester.