

Dakota College at Bottineau Course Syllabus

Course Prefix/Number/Title: BIOL 220H - Anatomy and Physiology I

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 220 – Anatomy and Physiology I

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 111

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

Phone: 228-5457

Email: 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:

<u>WEEK</u>	<u>TOPIC</u>
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 Integumentary System
5	Diseases of the Skeletal System
6	Diseases of the Muscular System
7	Diseases of the Nervous System
8	Diseases of the Endocrine System
9	Conducting scientific research
10	Conducting scientific research
11	Referencing works of other
12	Creating graphs and tables; draft report due
13	Creating graphs and tables
14	Peer review of research reports
15	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.