



# DAKOTA COLLEGE COURSE SYLLABUS

Course Prefix/Number/Title: BIOL 111 Introductory Biology

Number of Credits: 4

Course Description: This course is a study of nature, diversity, and classification of life, cells and cell processes, genetics, evolution, and ecology. The course is an introductory level, non-majors transferable class designed to meet requirements of a lab science.

Pre-/Co-requisites: None

Course Objectives:

Demonstrate an understanding and proficiency in the following:

1. To be able to understand the theories and concepts of cell biology, genetics, ecology, and evolution
2. To be familiar with the resources and methods used to acquire scientific data
3. To be able to demonstrate an orderly approach to the solution of a problem
4. To be able to relate past knowledge to an understanding of modern biology
5. To have acquired an awareness of new scientific developments and their potential implications

Instructor: Janelle Green

Office: NSC 113

Office Hours: Please e-mail or utilize course messages.

Phone: 701-228-5472

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Lecture/Lab Schedule: Online

Textbook(s): Concepts of Biology (Open Education Resource provided by Openstax.org)  
<https://openstax.org/details/books/concepts-biology>

Course Requirements:

Requirements	Points each	Total
Chapter Quizzes	10	150
2 Midterm/Final Exam	100	200
Discussion Posts	10	80
15 Labs/Writing Assignments	various	301

Getting Started/Intro Assignments	3 and 12	15
Pre-Assessment/Post Assessment	5	10
	Total Points	756

#### Grading Schedule

- A = 100-90%
- B = 89.5-80%
- C = 79.5-70%
- D = 69.5-60%
- F = below 59.5%

\*Please do not request rounding of grades or grade changes. If there are extra points available in the course you will be notified.

#### Tentative Course Outline:

Chapters	Due Date
Student Intro/Syllabus and Academic Dishonesty Quiz/ and Pre-Assessment Quiz	1/17/2020
Unit 1: 1/2	1/28/2020
Unit 2: 3/4/5	2/11/2019
Unit 3: 6/7/10 and 9	2/25/2020
Unit 4: 11 Midterm Exam	3/3/2020
Unit 5: 7	3/17/2020
Unit 6: 12/13	3/31/2020
Unit 7: 15	4/7/2020
Unit 8: 16/18 and 17	4/21/2020
Unit 9: 19-21	5/3/2020
Unit 10: Final Exam	Prior to 5/13/2020 at 11:59pm CST

\*For a schedule of academic deadlines please reference the academic calendar on the DCB Website at: <https://www.dakotacollege.edu/academics/academic-calendar>.

General Education Competency/Learning Outcome(s):

Learning Outcome 1: Applies the scientific methods of inquiry.

Performance Indicator 1: Utilizes the scientific process to solve problems.

Relationship to Campus Theme:

- Class announcement/discussion on news items about technological developments in biology and how that influences the discipline as well as the societal aspects.
- Covers DNA analysis, genetic engineering, and DNA fingerprinting.
- Knowledge on cell structure and function related to microscope development discussed.
- Interject technological developments and how they influence scientific development and societal issues.

Classroom Policies:

- Participation is required in both lecture and lab within this online course.
- Late assignments, of all types, are not accepted. The timeline given to complete materials is adequate. Please check Blackboard often and make note of dates presented in class.
- Do not leave work until the last minute. This course will require good time management skills.
- Technology issues that may arise are not excuse an excuse for late work. I should not receive an e-mail the night an assignment is due stating a tech issue that you can't get fixed. These issues if presented early enough can be fixed prior to a deadline.
- Lab Handout/Report Turn In: Your lab work should be unique to you. Identical lab handouts/reports/screenshots will not be accepted.

Student Email Policy:

Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

Academic Integrity:

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

The first occurrence of cheating will result in a zero for that assignment. The second occurrence will result in failure of the course.

Disabilities or Special Needs:

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services within the first two weeks of the semester to line up accommodations.

Title IX:

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX Webpage.