

# CENTRAL HIGH SCHOOL

## Introduction to Biology

Brenda Mingee & Sue Lambert

### COURSE SYLLABUS

#### Course Description:

**Grades 10, 11, 12**

**2 Semesters**

This course is designed to give the student an overview of the different aspects of the biological sciences (botany, zoology, anatomy, ecology, chemistry, and life science.)

**Note:** This course does not meet college entrance requirements for Biology.

**Note:** Students cannot take Introduction to Biology and Biology I.

#### Required Class Materials:

- Paper
- Writing Utensil
- Binder
- Flash drive or storage device
- 12" ruler

**Text:** Johnson & Raven. Holt Biology. 2004

#### Topics Covered:

- Biology & You
- Chemistry of Life
- Cell Structure
- Cells & Their Environment
- Photosynthesis & Cellular Respiration
- Chromosomes & Cell Reproduction
- Meiosis & Sexual Reproduction
- Mendel & Heredity
- DNA: The Genetic Material
- How Proteins Are Made
- Gene Technology
- History of Life on Earth
- The Theory of Evolution
- Classifications of Organisms
- Populations
- Ecosystems
- Biological Communities
- The Environment

#### Grading:

Skyward Name	Category	Weight	
	CLW: Classwork	All classwork (homework, tests, quizzes, labs, projects)	85%
		Final Exam	15%

## **Class Policies & Procedures:**

1. You are expected to have with you at each class: writing utensil, class binder, note taking paper, and completed work for the day.
2. All assignments are due at the beginning of the period (when the tardy bell rings). If it is turned in after everyone else's assignments, IT'S LATE.
3. As per school policy, assignments may be turned in 1 day late for up to 75% credit. After that a zero will be assigned.
4. You have 2 school days to obtain and complete your assignments from an excused absence. You are responsible for obtaining missed work. We will not seek you out to give you missed work; you must check with Mrs. Mingee or Mrs. Lambert to see what you missed. Any work collected or assigned on the day of an unexcused absence will not be accepted.
5. Discipline for breaking the academic integrity code, student conduct responsibilities, and/or classroom expectations will be dealt with using the policy set forth by the Central High School Student Handbook.
6. The laboratory activities are a privilege, not a right. If you can not act in a safe and responsible manner, you will be assigned book work and restricted from the activities.
7. Appropriate dress is required at all times. In addition, safety glasses and safety equipment as mandated by the lab must be worn at all times. NO EXCEPTIONS.
8. Every student must act in a safe and responsible manner because of the laboratory and classroom situations. You must demonstrate respect for the work of others. Failure to conduct your self in a safe manner will result in immediate discipline including, but not limited to: detentions, phone call home, parent/teacher/student conference.
9. The classroom will be picked up and clean before any student may leave the room.
10. If you fall asleep during class (at the discretion of Mrs. Mingee and Mrs. Lambert), you will stand the remainder of the class period.
11. Quizzes/Tests: The student will be responsible for any and all information read in the text, presented by the instructors, and explored in labs, and viewed in graphics or video

## **Instructor Contact:**

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