

## Syllabus for Alles Introductory Biology 101

**Lectures**—MWF 8:00 am to 8:50 am, Room AH 100

**Instructor**—David L. Alles, e-mail: [alles@biol.wvu.edu](mailto:alles@biol.wvu.edu)

**Office Hours**—MWF 9:00 am to 10:00 am in room BI 406

**Course Web Site:** <http://fire.biol.wvu.edu/trent/alles/101index.html>

**Textbooks & Manuals**—The lectures for this course are entirely Internet based.

- As a result there is **no textbook required for the course**.
- Text Only Lecture Notes—optional but recommended (available at the University Bookstore)
- Biology 101 Lab Manual—required (available at the University Bookstore)

**Grades**—Your grade for the course will be based on what you earn out of a total of 400 possible points. The points are divided into the following:

- Attendance—100 points (attendance will be taken ten times during the quarter)
- Mid-Term Exam—100 points
- Final Exam—100 points
- Lab—100 points

Test questions will come predominately from material presented in lecture. The remainder will come from reading assignments in the text only lecture notes. The final exam is cumulative.

Your final grade for the course will be based on the following percentages of points earned.

A+	96-100%	(4.0)	
A	92-95%	(4.0)	A range 89-100%
A-	89-91%	(3.7)	
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B+	86-88%	(3.3)	
B	82-85%	(3.0)	B range 79-88%
B-	79-81%	(2.7)	
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C+	76-78%	(2.3)	
C	72-75%	(2.0)	C range 69-78%
C-	69-71%	(1.7)	
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D+	66-68%	(1.3)	
D	63-65%	(1.0)	D range 60-68%
D-	60-62%	(0.7)	
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F	0-59 %	(0.0)	Failing

## Course Policies

Because of the size of this class, I must insist on the following.

1. Attendance will be taken randomly 10 times during the course. If you know you will miss a lecture for a valid reason, you must notify me in advance and get my approval to be excused.
2. Family emergencies must be confirmed through the Student Life Office.
3. Electronic devices—Manners and rules of decorum have not changed. Rude behavior is still just rude behavior. Therefore, do not use any electronic devices in the classroom, cell phones for instance, that may interrupt lectures.
- 4. Leaving a telephone message or sending an e-mail *does not* give you prior approval for missing lecture or a test.**

## Test Policy

5. If you wish to contest the grading of a test question, you must submit a written justification as to why you think your answer has merit.
6. I will review individual tests only during office hours or by appointment. I will not review individual tests during lectures—either right before or right after.
7. Makeup tests will only be given if arrangements are made prior to the test *and* approved by me. This applies as well if you are sick. If, however, your reason for missing a test is illness, you must, in addition to making prior arrangements, obtain a doctor's or student health services' excuse.
8. All makeup tests will be essay type questions—there will be no exceptions to this.
- 9. All electronic devices must be stored/put away during tests. If you are found with an electronic device, of any kind, out during a test, you will be asked to turn in your test immediately. Your confiscated test will not be graded and you will receive a zero for the test.**
- 10. You must bring your student ID to all tests. You may be asked to show your ID before, during, or after a test by one of the test monitors.**

## Lecture Schedule for Alles Biology 101

### Start to Mid-Term

	Lectures		
Week 1	1)	Mar 29 W	Defining Science
	2)	Mar 31 F	Epistemic Values
Week 2	3)	Apr 3 M	Origin of Modern Science
	4)	Apr 5 W	Science as a Profession
	5)	Apr 7 F	The Conceptual Framework of Biology
Week 3	6)	Apr 10 M	Natural Levels of Organization in the Physical World
	7)	Apr 12 W	Darwin's Five Theories
	8)	Apr 14 F	Natural Selection
Week 4	9)	Apr 17 M	Biochemistry
	10)	Apr 19 W	Molecular Genetics
	11)	Apr 21 F	Genetics and Cellular Reproduction
Week 5	12)	Apr 24 M	Darwin and Mendel - The Modern Synthesis
	13)	Apr 26 W	Review for Mid-Term
	14)	Apr 28 F	Mid-Term Test

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## Mid-Term to Final

Week 6	15)	May 1 M	Geologic Time
	16)	May 3 W	The Origin of our Solar System
	17)	May 5 F	The Origin of Life
Week 7	18)	May 8 M	Photosynthesis
	19)	May 10 W	Aerobic Respiration & Eukaryotes
	20)	May 12 F	Sexual Reproduction & Multicellularity
Week 8	21)	May 15 M	Adaptive Radiations & Mass Extinctions
	22)	May 17 W	Paleozoic Vertebrate Evolution
	23)	May 19 F	Mesozoic Vertebrate Evolution
Week 9	24)	May 22 M	Cenozoic Vertebrate Evolution
	25)	May 24 W	Primate Evolution
	26)	May 26 F	Hominin Evolution
Week 10	27)	May 29 M	No Class—Memorial Day
	28)	May 31 W	Biology and Society
	29)	June 2 F	Review for Final
<b>Final Test</b>		<b>June 6, Tuesday, 3:30 to 5:30 pm</b>	

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