General Information
Catalog Number, Section, and Term: BIOL 1253, 21, Spring 2007

Title of Course: Lab: General Biology I

Co-requisites: BIOL 1251, General Biology I

Class Room and Meeting Times and Dates: Dickinson Hall Room 5506
Wednesdays 2:25 PM – 5:00 PM, January 24, 2007 – May 9, 2007

Instructor: Dr. Marion McClary

Office Location and Office Hours: Dickinson Hall Room 4456, Mondays 4:00 PM – 5:00
PM, Tuesdays 1:00 PM – 2:00 PM, Wednesdays, 1:00 PM – 2:00 PM, Thursdays 1:00
PM – 2:00 PM

Laboratory Location: Dickinson Hall Room 5513

Telephone with voice mail: 201-692-2606

FDU Email Address: mcclary@fdu.edu

Course Description
Exercises illustrating the topics discussed in BIOL 1251. 1 credit.

Text and Materials
Required text: Laboratory Outlines in Biology VI, by Peter Abramoff and Robert G.

Rules, Regulations, Grades
Attendance and lateness policy: Students are responsible for all material missed due to
absence and or tardiness.

Makeup and missed work policy:
Laboratory Exams (You will be informed of any changes)
1) Each exam will cover only the exercises listed above it (see the syllabus). Exams
may be curved depending on the class average.

2) If you miss the exam and do not have a doctor’s note, YOUR EXAM WILL
NOT BE CURVED. Therefore it is important to take the exam on time. Exams not
taken by the last day of the course will become zeros.

3) Exams will be short answer.
Integrity and plagiarism policy:

Students enrolled at Fairleigh Dickinson University are expected to maintain the highest standards of academic honesty. Students have the responsibility to each other to make known the existence of academic dishonesty to their course instructor, and then, if necessary, the department chair, or the academic dean of their college. Course instructors have the added responsibility to state in advance in their syllabi any special policies and procedures concerning examinations and other academic exercises specific to their courses. Students should request this information if not distributed by the instructor.

Academic dishonesty includes, but is not necessarily limited to, the following:

1. **Cheating** - Giving or receiving unauthorized assistance in any academic exercise or examination. Using or attempting to use any unauthorized materials, information, or study aids in an examination or academic exercise.
2. **Plagiarism** - Representing the ideas or language of others as one’s own.
3. **Falsification** - Falsifying or inventing any information, data, or citation in an academic exercise.
4. **Multiple Submission** - Submitting substantial portions of any academic exercise more than once for credit without the prior authorization and approval of the current instructor.
5. **Complicity** - Facilitating any of the above actions or performing work that another student then presents as his or her assignment.
6. **Interference** - Interfering with the ability of a student to perform his or her assignment.

Sanctions: Any student found guilty of academic dishonesty will, for the first offense, receive one or a combination of the following penalties:

1. **No credit (0) or Failure for the academic exercise**
2. **Reduced grade** for the course
3. **A failure in the Course** that is identified on the student’s permanent record card as permanent and cannot be removed.
4. **Recommendation for Academic Probation** to the dean’s office.

In cases of interference and complicity, when the student is not registered in the affected course, the incident may be recorded on the student’s permanent record card. In any case, the incident and penalty will be recorded in the student’s file maintained in the campus office of Enrollment Services.

For a second offense of academic dishonesty, a student will be subject to any combination of the above sanctions, and, with concurrence of the academic dean, one of the following:

1. **Suspension** from the University for one year. Readmission will be contingent upon the approval of the academic dean.
2. **Dismissal** from the University.
Grading policy:
There will be two laboratory exams. Each laboratory exam is worth 50% of your grade. The two laboratory exams are 100% of your grade. Your final grade will be an average of two laboratory exam grades. This average will then be placed on the following scale for your grade:

- A 92 - 100
- A- 89 - 91
- B+ 86 - 88
- B 82 - 85
- B- 79 - 81
- C+ 76 - 78
- C 72 - 75
- C- 69 – 71
- D 60 - 68
- F 0 - 59

Safety Policy
Effective with the Fall 2001 semester no student will be permitted into laboratories wearing shorts, halter-tops, open toed sandals, undershirts, tank tops or any other inappropriate attire. All students are to purchase a white laboratory coat which can be used for any Biology or Chemistry class which requires a lab—non-majors or majors.

Course Objectives
The objectives (goals) of this course are for you to become competent in: the identification of protists, fungi, and animals and their mode of nutrition, locomotion, body parts and their purpose.

Teaching Methodologies/Activities
Exams to assess the following: identification of protists, fungi, and animals and their mode of nutrition, locomotion, body parts and their purpose.

Modes of instruction that will be used by the instructor:
1. Hands-on Demonstration
## Course Outline

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Exercises</th>
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<tbody>
<tr>
<td>Jan. 24</td>
<td>Laboratory Safety</td>
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<td>31</td>
<td>Human Genetics</td>
<td>12</td>
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<td>Feb. 07</td>
<td>Light Microscopy</td>
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<td>14</td>
<td>Protozoa &amp; Analysis of Water &amp; Algae and Slime Molds</td>
<td>16 &amp; 39 &amp; 15</td>
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<td>21</td>
<td>Fungi</td>
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<td>28</td>
<td>Porifera, Cnidaria, Ctenophora, A &amp; Pseudocelomates</td>
<td>25 &amp; 26</td>
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<td>Mar. 07</td>
<td>*Phyla Mollusca &amp; Annelida</td>
<td>27 &amp; 28</td>
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<td>14</td>
<td>Spring Recess</td>
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<td>21</td>
<td>*Arthropoda</td>
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<tr>
<td>28</td>
<td>*Phyla Echinodermata, Hemi, &amp; Chorodata</td>
<td>30 &amp; 31</td>
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<td>Apr. 04</td>
<td>EXAM I</td>
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<td>11</td>
<td>Biological Coordination in Animals</td>
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<td>Nervous System Physiology</td>
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<td>25</td>
<td>*Frog Anatomy: Respiratory and Circulatory Systems</td>
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<td>May 02</td>
<td>*Frog Anatomy: Digestive System &amp; Urogenital System</td>
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<td>09</td>
<td>EXAM II</td>
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Students must bring their lab manual to every lab; *and bring a dissection kit for each laboratory exercise in which dissections will be done.