General Information
Catalog Number, Section, and Term: BIOL 6901, 81, Spring 2010

Title of Course: Biology Seminar II

Co-requisites: None

Class Room and Meeting Times and Dates: Dickinson Hall Room 4468

Instructor: Dr. Haas (graduate students) and Dr. McClary (undergraduate students).

Office Location and Office Hours: Dickinson Hall room 4419 (Dr. Haas) and 4459 (Dr. McClary) both by appointment

Laboratory Location: Dickinson Hall room 5524 (Dr. Haas) and 5513 (Dr. McClary)

Telephone with voice mail: 201-692-2257 (Dr. Haas) and 201-692-2606 (Dr. McClary)

FDU Email Address: haas@fdu.edu and mcclary@fdu.edu

Course Description
A series of lectures by invited speakers on topics of current interest. Exposure of students to research developments and techniques in selected areas of specialization. 1 credit

Text and Materials
Required text: None.

Rules, Regulations, Grades
One term paper is required from the seminar topics of your choice (see last page). The paper is due on April 29, 2010. No late papers will be accepted.

The reports must be your original work and not copied from any other source. If anything is cited verbatim, you must use quotations. You must cite the speakers name, work, a discussion of the researchers presentation, and additional information on the same topic. At least two pertinent literature references are required.

Attendance is mandatory! More than one unexcused absence will affect your grade (see second to last page). You must be on-time for all seminars, and stay until the class is dismissed. Being late twice will drop your final grade from a plus or to a minus.

As always we request your courteous attention during the lecture presentations. We have assembled a diversified group of speakers, from various institutions, to discuss their work with you. They are guests of Fairleigh Dickinson University and deserve your undivided attention. You are encouraged to ask relevant questions.
Academic Integrity 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 assignments.

Sanctions: Any student violating academic integrity will, for the first offense, receive one or a combination of the following penalties imposed by the faculty member:

1. **No credit (0) or Failure for the academic exercise.**
2. **Reduced grade** for the course.
3. **A failure in the Course.**
4. Recommendation for **Academic Probation** to the dean of the college in which the student is registered.

The instructor shall file a notice of the penalty in the student’s file maintained in the campus Office of Enrollment Services.

In cases of interference and complicity, whether or not the student is registered in the affected course, the incident and penalty shall be recorded in the student’s file maintained in the campus Office of Enrollment Services.

For a subsequent violation of academic integrity, a student will be subject to any combination of the above sanctions, and, after due review by the academic dean according to the procedures below, 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
3. **Dismissal from University identified on the student’s academic transcript** as a result of a violation of the Academic Integrity Policy.
Grading policy (You will be informed of any changes):
There will be one paper. The paper is worth 50% of your grade using the scale below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>92 - 100</td>
</tr>
<tr>
<td>A-</td>
<td>89 - 91</td>
</tr>
<tr>
<td>B+</td>
<td>86 - 88</td>
</tr>
<tr>
<td>B</td>
<td>82 - 85</td>
</tr>
<tr>
<td>B-</td>
<td>79 - 81</td>
</tr>
<tr>
<td>C+</td>
<td>76 - 78</td>
</tr>
<tr>
<td>C</td>
<td>72 - 75</td>
</tr>
<tr>
<td>C-</td>
<td>69 – 71</td>
</tr>
<tr>
<td>D</td>
<td>60 - 68</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59</td>
</tr>
</tbody>
</table>

Attendance is mandatory. It is worth 50% of your grade using the scale below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Absences</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0 – 1 unexcused absence</td>
</tr>
<tr>
<td>A-</td>
<td>2 unexcused absences</td>
</tr>
<tr>
<td>B</td>
<td>3 unexcused absences</td>
</tr>
<tr>
<td>C</td>
<td>4 unexcused absences</td>
</tr>
<tr>
<td>D</td>
<td>5 unexcused absences</td>
</tr>
<tr>
<td>F</td>
<td>6 – 12 unexcused absences</td>
</tr>
</tbody>
</table>

Your final grade will be a combination of the grade on your paper and on your attendance.

**Course Objectives**
The objectives (goals) of this course are for you to become competent in knowledge of various topics in biology (program outcome # 7)

**Teaching Methodologies/Activities**
The following will be used to assess student learning:

1. Papers

Modes of instruction that will be used by the instructor:

1. Papers
School of Natural Sciences                Biology Seminar
Fall 2009 Schedule                                          Thursdays 5:25-6:15
Fairleigh Dickinson University, Dickinson Hall, Room 4468
140 University Plaza Drive, Hackensack, New Jersey 07601

Open to the Public                  Refreshments served

January :

28  H1N1 (Swine Flu), Dr. S. Baum, Yeshiva College of Medicine

February:

4    Library Research and Information Literacy for Biology Students, Kathleen Stein-Smith, Fairleigh Dickinson University, Weiner Library

11  Hocks Genes in Leeches, Dr. Rajendra Gharbaran, UMDNJ

18  Rheumatoid Arthritis, Dr. Percio Gulko, Feinstein Institute of Medical Research

25  Lung Microvascular Endothelial Cell Permeability, Dr. Sadiqa Quadri, Columbia Presbyterian University

March:

4    Fetal Origin of Adult Disease, Dr. Francine Einstein, Einstein College of Medicine

11  Dr. Genevieve Neal-Perry, Albert Einstein College of Medicine

25  Tree Interaction with the Urban Environment, Dr. Carson Glaeser, Independent Consulting Arborist: Glaeser Horticultural Consulting, Flushing NY

April:

1    Plant Derived Antioxidants, Dr. Ed Kennely, Lehman College, CUNY

8    Brain Neuron Immune Function, Dr. Thomas W. Molitor, University of Minnesota

15  Drosophila as a Model System, Dr. Angela Klaus, Seton Hall University

22  New Drugs Against Lupus, Dr. Anne Davidson, Feinstein Institute for Medical Research

29  Student Presentations

May:

6  Student Presentations