COURSE SYLLABUS FOR COLLEGE BIOLOGY 1113  
Department of Biology  
PRAIRIE VIEW A&M UNIVERSITY  
Prairie View  
TX 77446  
Spring 2010

INSTRUCTOR: Dr. H. Howard-Lee Block  
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<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>COURSE #</th>
<th>TIME</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Biology</td>
<td>1113 Sec. - P01</td>
<td>11 am - 11:50 am</td>
<td>MWF</td>
<td>A101</td>
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(CRN# 20849)

OFFICE HOURS: 11-12 noon MWF and By Appointment

COURSE LOCATION: O’Banion Science Building Room A101

TEXTBOOK: Starr, Cecie: BIOLOGY Concepts and Applications  
Publisher: Brooks/Cole- Thomson Learning  7th edition  
ISBN: 0-495-119814   
Purchase ebook ($92.99) or purchase echapter ($3.49-each)

Supplementary Learning Materials

The textbook is the only book required for this course. However, students can purchase additional supplemental text content materials if they so desire. Students are strongly encouraged to read the textbook and if supplementary resources are needed, the library has an enormous amount of material.

Course Goals

1. To develop an understanding of the fundamental concepts of biological principles.  
2. To develop an understanding and appreciation for the scientific method and its applications to problem solving.  
3. To develop an awareness of the unity and diversity of life, and to develop an understanding of the mechanisms for the identification of living organisms.  
4. To stimulate students to become intellectually self-reliant, and to enhance their aesthetic appreciation of life itself.

Course Description
1113 College Biology (3.0) Credit 3 semester hours. Introductory course for non-biology majors. Emphasis is placed on basic biological principles and their application to human life.

Procedure

Three semester credit hour lecture course that is held weekly. The lecture periods consist of discussions between students and the instructor. These lectures are designed to reinforce the textbook materials and to enhance the understanding of scientific concepts.

Learning Activities

The student should:

1. Read assigned textbook chapters before class meetings.
2. Take notes and learn to distinguish between important and subordinate points.
3. Review notes outside the classroom.
4. Respond verbally to interrogatives posed by the instructor.
5. Ask relevant questions during the class discussion.
6. Answer review questions at the end of each chapter of the textbook.

Course Outline

INTRODUCTION

Chapter 1 Concepts and Methods in Biology

Part I: PRINCIPLES OF CELLULAR LIFE

Chapter 2 Chemical Foundation for Cells
Chapter 3 Carbon Compounds in Cells

EXAM I (Chapters 1-3)

Chapter 4 Cell Structure and Function
Chapter 5 Ground Rules of Metabolism

EXAM II ( Chapters 4 & 5)

Chapter 6 How Cells Acquire Energy
Chapter 7 How Cells Release Stored Energy
EXAM III (Chapters 6 & 7)

Part II: PRINCIPLES OF INHERITANCE

Chapter 8  Cell Division and Mitosis
Chapter 9  Meiosis
Chapter 10  Observable Patterns of Inheritance
Chapter 11  Chromosomes and Human Genetics

EXAM IV (Chapters 8 & 11)

Part II: PRINCIPLES OF INHERITANCE

Chapter 12  DNA Structure and Function (Only if Time Permits)
Chapter 41                   Ecosystems          (Only if Time Permits)

Examinations

At least four major exams will be given during the summer. Exam questions will be multiple choice. All exams are equally weighted. The final examination is always given at the end of each semester. The schedule for the final examination is set by the university administration. Please read the class schedule booklet used during registration to obtain final examination schedule. Do not schedule any activity during the final exam period in this class. There will be no excused absences or makeup for the final exam.

RULES AND REGULATIONS

1. **CLASS ATTENDANCE IS REQUIRED.** The University Attendance Policy requires students to be present for each scheduled class. Students with or without official excuses for missing class will be tested and evaluated the same as students who attend class. However, students attending class will have the advantage of being taught knowledgeable information which they are expected to know. Students are responsible for materials covered during their absences. Classes will start at the prescribed time and end at the prescribed time. Absences are accumulated beginning with the first day of class. The University catalog provides more detailed information.

2. **MAKE-UP EXAMS: Students are strongly advised to take all exams at the scheduled time.** Plan and schedule your activities so that you can be present to take all exams at the scheduled time. Students with non-valid or non-official excuses for missing an exam will earn a grade of zero (0) for the missed exam. Students may request a make-up exam for one that was missed. However, the instructor will schedule the time and place of the make-up exam which will not interrupt the teaching of the class or delay the complete coverage of the
course topics. Students who are scheduled for the make-up exam and miss it will not be provided a second opportunity to take an exam for the original exam that was missed.

3. **CHEATING.** Students caught cheating will receive a grade of F for the course. The Student Handbook provides more detailed information.

4. **DO NOT BRING FOOD OR DRINK INTO THE CLASSROOM.**

5. **BE CERTAIN TO TURN OFF ALL CELL PHONES AND PAGERS DURING CLASS.**

6. If you have a disability, please inform me so that I can assist you to get “reasonable accommodation” related to the disability. Please note ADA Statement below.

**GRADING SCALE**

90-100=A; 80-89=B; 70-79=C; 60-69=D; Below 60=F

Student Academic Appeals Process: Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor’s assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.

ADA Statement: Students with disabilities who believe that they may need adjustment in this class are encouraged to contact the Office of Disabilities Services at (936) 261-3535 as soon as possible. Once you receive a letter of adjustment from the office, please make an appointment with me to discuss adjustments for this class.

Sexual Misconduct (See Student Handbook): Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

**Semester Calendar:**

**Academic Calendar – Spring 2010**  

- **January 19, Tues.** Instruction Begins  
- **January 22, Fri.** Late Registration and Drop/Add Begins  
- **January 23, Sat.** Late Registration, Add Courses, Change Major/Certification or any Matriculation Change Ends for Undergraduate Students - Web Registration Closed  
- **January 28, Thurs.** General Student Assembly - All Students Attend  
- **February 3, Wed.** Census Date (12th Class Day)  
- **February 4, Thurs.** Last Day to Withdraw from Course(s) without academic record  
- **Withdrawal from courses with academic record (“W”) Begins**
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<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>February 15, Mon.</td>
<td>20th Class Day</td>
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<td>March 11–13, Thurs.–Sat.</td>
<td>Mid-Semester Examination Period</td>
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<tr>
<td>March 15–20, Mon.–Sat.</td>
<td>Spring Break</td>
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<td>March 16, Tues.</td>
<td>Mid-Semester Grades Due</td>
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<tr>
<td>March 19, Fri.</td>
<td>Spring Break (University Closed)</td>
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<tr>
<td>March 22, Mon.</td>
<td>Instruction Resumes</td>
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<tr>
<td>March 26, Fri.</td>
<td>Graduation Application Deadline for SUMMER 2010 AND FALL 2010</td>
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<td>March 31, Wed.</td>
<td>Founders Day/Honors Convocation</td>
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<tr>
<td>April 5, Mon.</td>
<td>Withdrawal from Course(s) with academic record (&quot;W&quot;) Ends</td>
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<td>April 2–3, Fri-Sat.</td>
<td>Good Friday/Easter (Student Holiday)</td>
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<td>April 13, Tues.</td>
<td>Priority Registration Begins for Summer/Fall</td>
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<td>May 3, Mon.</td>
<td>Course Review Day [Classes must convene and instructors will prepare students for Final Exams]</td>
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<tr>
<td>May 4, Tues.</td>
<td>Course Review Day [Classes must convene and instructors will prepare students for Final Exams]</td>
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<td>May 5 - 6, Wed.-Thurs.</td>
<td>Last Day to Withdraw from the University (From All Courses) for the Spring 2010 Semester</td>
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<td>May 7 – 12, Fri.-Wed.</td>
<td>Final Examination Period</td>
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<tr>
<td>May 12, Wed.</td>
<td>Final Grades due for Graduating Candidates</td>
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<td>May 15, Sat.</td>
<td>Commencement</td>
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<td>May 18, Tues.</td>
<td>Final Grades Due for All Other Students</td>
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**FINAL EXAM SCHEDULE FOR SPRING 2010 SEMESTER EXAM WEEK (PENDING)**