INSTRUCTOR: Virginia Pearce, PhD  
(Instructor reserves the right to amend this information as necessary.)

Semester and Year: Spring 2012  
Section: 8011  
Class time and days: Lecture: TR, 9:30-10:50am; Laboratory: T, 11:00-1:50am  
Room: Lecture: WH 275; Laboratory: SH 151

Instructor: Virginia Pearce  
Contact: PearceV@dcccd.edu

Last date to withdraw: Last day to drop a class without a “W” –  
Last day to drop a class with a “W” – Nov 9,  
Final exam day and time: final exam week May 7-10

Required Materials:  
- Customized Copy, packaged with online access code for Mastering Biology.  
- Laboratory Manual is available online on your ecampus site as pdf. files.  
- Other:

Catalog Course Description  
An introductory survey of contemporary biology for students majoring in the sciences. Topics emphasized will include the chemical basis of life, structure and function of cells, energy transformations, and molecular biology and genetics.

Prerequisites  
One of the following must be met: (1) DREA 0093 AND DWRI 0093; (2) ESOL 0044 AND ESOL 0054; or (3) have met TSI Reading and Writing standards AND DCCCD Writing score prerequisite requirement.

Evaluation Procedures:  
A = 100-90%, B = 89-80, C = 79-70, D = 69-60, F ≤ 59  
Grading scale may change at the discretion of the instructor

Lecture exams: 4 @100 pts each ..........................................................400 pts  
Comprehensive final exam: ...............................................................200 pts  
Lab quizzes: 10 @ 25 pts each..........................................................250 pts  
Lab Report..........................................................................................50 pts  
Mastering Biology and Participation .................................................100 pts  

Lab should be ≈ 25-30% of course grade

Sum = 1000 pts

• LECTURE EXAMINATIONS (400 points): A missed exam/missed score  
  will be replaced by the final exam % score. Lecture examinations will be a combination of multiple choice, true or false, matching and short answer questions.

• LAB QUIZZES AND Pre-LAB WORKSHEETS (total 250 points): The lab quiz will administered during the first 15 minutes of the lab period; if you are late for lab, you will have less time to finish the
quiz. If you leave the lab after taking the quiz (without completing the lab exercise to the teacher’s satisfaction) your lab quiz for that day will not be graded (will receive a grade of zero). **Two** lab quizzes will be dropped for extenuating circumstances like tardiness, absence due to illness, deaths in the family, or because of poor performance. **ABSOLUTELY NO MAKE-UPS FOR LAB QUIZZES!** Lab Quizzes will count 10 points each. **PRE-LAB WORKSHEETS** included in your lab manual must be turned in AT THE BEGINNING OF LAB. If you did not attend a lab, you can not turn in a Pre-Lab worksheet for that lab. Pre-lab worksheets count 15 points each.

- **LAB REPORT (50 points):** You will write a lab report about the ENZYMES exercise. If you did not attend this lab, you CAN NOT write a lab report for it. You will turn in the report last day of lab, and will be allowed to show a lab report draft one week prior to turning it in. The Appendix section of your lab manual gives you information on how to use *Microsoft Excel* to plot your data and how to write a lab report.

- **ON-LINE HOMEWORK SYSTEM (100 points):** 10 assignments each worth 10 points. **COURSE ID (NEEDED TO LOG ON):** 659372

- **FINAL EXAM (200 points):** The final exam is comprehensive (labs and lectures included). It consists of 100 multiple choice questions. A Scantron sheet is required for this.

**Attendance Policy:** Attendance is necessary for class participation and course work. There will be no make-up opportunities for missed assignments. Thus, it is strongly recommended that students attend each class. However, there will be no official course grading policy on attendance. If there is a conflict in your schedule, contact me ASAP.

**Instructor Policies and Suggestions for Student Success:**

**Academic integrity:**
The instructor facilitates the learning process; it is your responsibility to learn. Please feel free to contact the instructor if you have any questions, comments, or concerns. The grade you receive at the completion of this course is entirely the result of your effort and performance. Plagiarism and cheating will not be tolerated and will result in a zero for the assignment. Students should respect the intellectual property of others.

**Behavior:**
- Lecture: If late by more than 5 minutes, please try to be as quiet as possible when entering.
- Turn off your mobile phone/pager. No use of headphones/electronic devices during lecture time.
- Persistent talking among classmates during lecture will not be tolerated. A student may be asked to leave the classroom at the discretion of the instructor.
- You are expected to take good care of all the equipment/materials provided to you in the lab. It is your responsibility to keep your working area and materials clean.
- Consider this class as or more important than your job. It is not O.K. to leave lab early, or miss lab completely, because of work.

**Course Objectives**
1. To understand and apply method and appropriate technology to the study of natural sciences.
2. To recognize scientific and quantitative methods and the differences between these approaches and the other methods of inquiry, and to communicate findings, analyses, and interpretation both orally and in writing.
3. To identify and recognize the differences among competing scientific theories.
4. To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies.
5. To demonstrate knowledge of the interdependence of science and technology, and their influence on, and contributing to, modern culture.

Core curriculum Statement

Intellectual Competencies:

1. **Reading**: the ability to analyze and interpret a variety of printed materials-books, documents, and articles- above the 12th grade level.

2. **Writing**: the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience above the 12th grade level.

3. **Speaking**: ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience above the 12th grade level.

4. **Listening**: analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading above the 12th grade level.

5. **Critical Thinking**: think and analyze at a critical level.

6. **Computer Literacy**: understand our technological society, use computer-based technology in communication, solving problems, and acquiring information.

**College Policies and Procedures:**

For Institution Policies, please refer students to the Richland website [www.richlandcollege.edu](http://www.richlandcollege.edu) or to [www.richlandcollege.edu/sylabinfo/sylabiInformation.pdf](http://www.richlandcollege.edu/sylabinfo/sylabiInformation.pdf)

**ACADEMIC HONESTY**

Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct, published in the DCCCD Catalog at [http://www1.dcccd.edu/cat0910/ss/code.cfm](http://www1.dcccd.edu/cat0910/ss/code.cfm)

**ADA STATEMENT**

If you are a student with a disability and/or special needs who requires accommodations, please contact the college Disability Services Office at 972-238-6180 (Voice/TTY), visit Thunderduck Hall, suite T120, or go to [http://www.dcccd.edu/Current+Students/Student+Services/Disability+Services/](http://www.dcccd.edu/Current+Students/Student+Services/Disability+Services/)

**CAMPUS EMERGENCY OPERATION PLAN**

Richland College and the Dallas County Community College District have developed policies and procedures for dealing with emergencies that may occur on campus. To familiarize yourself with these procedures, please take time to watch the overview video: [http://video.dcccd.edu/rtv/DO/emergency_dcccd.wmv](http://video.dcccd.edu/rtv/DO/emergency_dcccd.wmv). The complete Emergency Operations Plan can be viewed and printed at the following website: [http://www.rlc.dcccd.edu/emergency](http://www.rlc.dcccd.edu/emergency). If you have questions or concerns, please contact the Richland College Office of Emergency Management. This office can be reached by phone (972/238-3794) or by e-mail (rlcoem@dcccd.edu).

**FINANCIAL AID**

If you are receiving any form of financial aid, you should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

**FOOD AND BEVERAGE POLICY**

It is **departmental policy** not to allow the consumption of food, water, and other beverages in any classroom or lab. It is also the college policy that food, water and drinks are prohibited in all technology classrooms.

**OBTAINING FINAL COURSE GRADES**

Grades are available through Richland’s Touchtone Telephone System at 972-613-1818 or online through eConnect at [www.econnect.edu](http://www.econnect.edu). Your grades will also be printed on your Student Advising Report, which is available in the Admissions and Student Records Office, T170.

**RELIGIOUS HOLIDAYS**

Absences for observance of a religious holy day are excused. A student whose absence is excused to observe a religious holy day is allowed to contract with the instructor to take a make-up examination or complete an assignment within a reasonable time after the absence.

**SIX DROP ISSUE**

STOP BEFORE YOU DROP: For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code §1.007 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions.
Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a "W". Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: https://www1.dcccd.edu/6drop

THIRD ATTEMPT TO ENROLL IN A COURSE
Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 Semester. See Third Attempt to Enroll in a Course at http://www.dcccd.edu/thirdcourseattempt/

WITHDRAWAL FROM THE COURSE
If you are unable to complete this course, it is your responsibility to withdraw formally. The withdrawal request must be received in the Registrar’s Office by the drop date given elsewhere in the syllabus. Failure to do so will result in your receiving a performance grade, usually an “F.” If you drop a class or withdraw from the college before the official drop/withdrawal deadline, you will receive a “W” (Withdraw) in each class dropped. For more information about drop deadlines, refer to the current printed Credit Class Schedule, contact the Admissions/Student Records office at 972-238-6100 or 6101 (Thunderduck Hall, T170), or contact the division office.