

Biology 110 • Principles of Biology • Fall 2007 • Lecture Schedule

1. The Science of Biology
2. Evolution and Ecology
3. The Chemistry of Life
4. Cells
5. Energy and Life
6. How Cells Acquire Energy

Exam 1.

7. How Cells Divide
8. Foundations of Genetics
9. How Genes Work
10. Gene Technology
11. Genomics
12. The Revolution in Cell Technology

Exam 2.

13. Evolution and Natural Selection
14. How We Name Living Things
15. The First Single Celled Creatures
16. Advent of the Eukaryotes
17. Fungi Invade the Land

Exam 3.

All That is Left.

Plant - Animal - Environment and EVOLUTION!

Exam 4.

This is a tentative schedule that may change at the instructor's discretion.

Exam dates will be announced during class and will be determined based on our progress through the material.



Biology 110 • Principles of Biology • Fall 2007 • Course Info

Instructor: Daniel Ray Norris

Email/Web: dnorris@cfcc.edu • www.cfcc.edu/faculty/dnorris

Course Hours: weekly: 2 Lecture sessions plus laboratory

Lectures: Tues, Thur • 11am-12:15pm (03,04,05)

Wed, Fri • 9:30am-10:45am (01,02)

Labs: (Mon 11am-1:50pm) (Tue 8am-10:50am)

(Wed 11am-1:50pm) (Thur 8am-10:50am) (Fri 11am-1:50pm)

Locations: Lecture: N 202

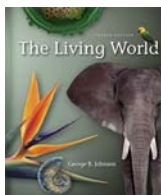
Lab: N 405

Office: Science Building (N) - 203-F

Semester

Credits: 4 Credits

Text:



The Living World

by George B. Johnson

4th Edition, published by McGraw Hill.

Course

Description:

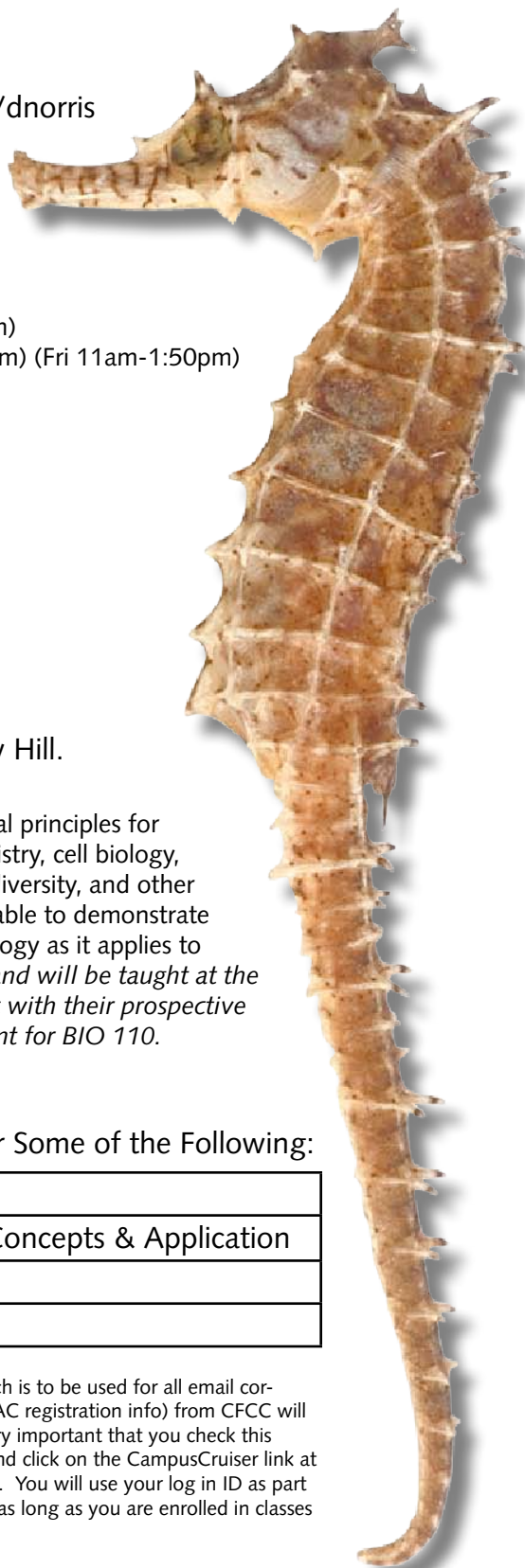
This course provides a survey of fundamental biological principles for non-science majors. Emphasis is placed on basic chemistry, cell biology, metabolism, genetics, taxonomy, evolution, ecology, diversity, and other related topics. Upon completion, students should be able to demonstrate increased knowledge and better understanding of biology as it applies to everyday life. *This course is a college transfer course and will be taught at the college/university level. Students are urged to consult with their prospective four-year college to determine actual course equivalent for BIO 110.*

CFCC General Education Competencies Will Incorporate All or Some of the Following:

• Written Communication	• Critical Thinking
Understanding Social Structure	• Understanding Scientific Concepts & Application
• Oral Communication	• Basic Computer Usage
• Problem Solving	

Campus Cruiser statement: Every student has an official CFCC-provided email account which is to be used for all email correspondence with your instructors and with the CFCC staff. Some information (such as TRAC registration info) from CFCC will ONLY be emailed to this address, and not sent through postal mail as in the past, so it is very important that you check this account periodically. To access this account, please visit the CFCC website www.cfcc.edu and click on the CampusCruiser link at the very top of the page, then follow the directions on the CampusCruiser website to log in. You will use your log in ID as part of your email address (yourloginID@email.cfcc.edu). This email account is provided to you as long as you are enrolled in classes (summer will not count), and may be used for personal email as well as academic email.

Disclaimer: Information contained in this syllabus was, to the best knowledge of the instructor, considered correct and complete when distributed for use at the beginning of the semester. The instructor reserves the right, acting within the policies and procedures of Cape Fear Community College, to make changes in course content or instructional techniques without notice or obligation.



Biology 110 • Principles of Biology • Fall 2007 • Course Detail

Your grade will be calculated on a point system. Points are earned for all assignments, lab reports, written work and exams. **400 points total.** Your point total at the end of the semester will determine your grade on the following scale. 92-100=A, 84-91=B, 76-83=C, 68-75=D, 0-67=F

Tests: We will have 4 exams worth 100 points each. Exams must be taken on the scheduled exam day. No exceptions. There is a drop grade! If you miss an exam, you must use the drop grade. Students with a 92 or higher average (Tests 1+2+3 and Lab 1), and perfect attendance from test 3 to test 4, can opt out of the final exam. Your final grade still depends on your final lab grade Exam total = **300 points**



Labs etc.: Lab reports are to be kept in your own lab notebook. Our lab periods offer plenty of time to complete the lab and prepare written work. Most of our labs will involve following the lab manual and answering questions or making notes and recording observations directly in your lab notebook. No makeup labs. If you miss a lab, you should discuss the lab data with your lab partners and summarize the missed lab in your notebook for partial credit. I do allow 1 missed lab per semester - no points deducted. You should submit your lab notebook in the middle and at the end of the semester. A paper on Evolution will be assigned as well as a multimedia project. Lab notebooks + paper = total for entire semester = **100 points.**

Attendance: School policy requires you to attend at least 80% of scheduled class hours to receive credit for the course. Missing more than 20% of the classes will result in an administrative drop from the course. You are responsible for being in class on time. Tardiness can be disruptive. Please do not disrupt the class if you are late. If you are consistently late or very late, you will be marked absent for that day. Students are expected to conduct themselves in a responsible and academic manner.



Participation: Please, feel free to ask questions if you do not understand something. Or, if you have a comment - speak up. Relevant class participation enriches the learning experience for everyone.

Policies: There should be no **cellular phones** used in the classroom. If your phone rings - Do not answer it. Personal computers are allowed but not for entertainment purposes during class. Class Duration: You must stay the entire length of the class to be counted present. Any behavior indicating dishonest or unethical intent or action as specified by CFCC will result in an "F" for the course.

