

TENTATIVE SCHEDULE for
BSC 2011 – General Biology II
Fall 2015; Ref #207438
TR 9:30-10:45 a.m. – S-219 @ Pruitt/SLW Campus

DATES	LECTURE TOPIC	CHAPTER
Aug 27	Orientation; Phylogeny	23
Sep 1/3	Origin/Diversity of Life; Viruses	26; 27
Sep 8/10	Prokaryotes; EXAM 1 (Ch 23, 26-28)	28
Sep 15/17	Protists; Seedless Plants	29; 30
Sep 22/24	Seed Plants; Fungi	31; 32
Sep 29/Oct 1	Animal Diversity; EXAM 2 (Ch 29-33)	33
Oct 6/8	Protostomes	34
Oct 13/15	MIDTERM EXAM (23, 26-34); Deuterostomes;	35
Oct 20/22	Deuterostomes; Regulation	35; 42
Oct 27/29	Neurology; Endocrinology;	43; 45
Nov 3/5	EXAM 3 (Ch 35, 42, 43, 45); Digestion	47
Nov 10/12	<i>Holiday</i> ; Respiration	48
Nov 17/19	Circulation; Osmoregulation/Excretion;	49; 50
Nov 24/26	Immunity; <i>Holiday</i>	51
Dec 1/3	Exam 4 (Ch 47-51); Reproduction	52
Dec 8/10	Catch-up; FINAL EXAM (Thurs)	

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WEB SITE: <http://wtyler-irsc.weebly.com>
COMPANION WEBSITES: Blackboard course site and...
<http://connect.customer.mcgraw-hill.com/student-start>
TEXT: Raven et al. 2014. *Biology*, 10th ed. McGraw-Hill Companies, Inc.
 with online access code for Connect Smartbook (e-book is also available)

GRADING

Quizzes (10%) - *Online Connect Assignments* (one for each chapter). The average score for all chapter assignments will serve as 10% of the final grade. All assignments **must** be completed on the publisher's Connect website before their respective deadlines to count toward the final grade, unless special arrangements have been made with the instructor.

Exams (90%) - There will be four **unit exams** (50 questions each, 100 points) and two **comprehensive exams** (midterm & final, each with 50 questions, 100 points). The average of all exams (after lowest exam is dropped, except the final) will be worth 90% of the total grade. The exam component (worth 90%) will be added to the quiz component (10%) to calculate the final grade.

The semester average is based on the percentage of total points:

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

W - deadline is Monday, 11/2; **I** - if passing but emergency prevents completion

MAKE-UP POLICY: *No make-up exams will be given.* Students will be allowed to *drop one* 100-point valued exam grade during the semester. This should cover any illness, emergency, or other. You should "bank" this opportunity, allowing you to DROP one 100-point grade if you have taken all exams. Contact instructor **before** exam or quiz if you plan to miss it.

ATTENDANCE: Students are expected to be prepared & present in lecture sessions. Lecture sessions are scheduled primarily for the first meeting of each week, though may be held on the second weekly meetings as well. Computer Lab sessions and exams are typically scheduled for the second weekly meeting. Students are responsible for material covered in each session & must be aware of any changes in exam schedule. Connect assignments **must** be taken online as stated above.

EXTRA CREDIT: No extra credit work is available. Students need to spend all their time on required material.

CHEATING: Cheating of ANY kind (including plagiarism) will not be tolerated by this department. Any student caught cheating will receive an immediate F in the course (no withdrawal allowed.) Any student witnessing an act of cheating who does not report it is considered guilty of this same inexcusable behavior.

COURSE OBJECTIVES:

- To understand the overall diversity and evolution of viruses, prokaryotes, fungi, plants and animals.
- To understand the anatomy, physiology and evolution of human organ systems.

STUDENT LEARNING OUTCOMES:

Upon completion of BSC 2011, *General Biology II*, students will have the ability to

- Communicate major biological concepts and relate how these are connected within various areas of the biological and physical sciences in a laboratory setting.
- Apply problem solving, analytical, and communication skills based on the scientific method that will provide the foundation for lifelong learning and career development.

STUDENTS WITH DISABILITIES: In compliance with the Rehabilitation Act of 1973, Section 504, and the Americans with Disabilities Act of 1990, professional disability specialists and support staff at the Student Disability Services (SDS) facilitate a comprehensive range of academic support services and accommodations for qualified students with disabilities. IRSC offers many disability resources at on-campus labs. Students who wish to request an accommodation for a documented disability should contact the SDS at 772-462-7782 or 772-462-7808.

NON-DISCRIMINATION AND NON-HARASSMENT POLICY: Indian River State College (College) is committed to maintaining a fair and respectful employment and educational environment. In accordance with federal, state and local equal opportunity laws, Indian River State College prohibits discrimination on the basis of race, color, national origin, ethnicity, sex, religion, age, disability, sexual orientation, marital status, veteran status, or genetic information.

STATEMENT TO STUDENTS: If you are experiencing difficulty in your course, your first obligation is to work directly with your instructor to resolve the issue. If you are unable to settle your concerns with the assistance of your instructor, you can contact the Department Chair (Professor Sherry Bowen, 462-7502, sbowen@irsc.edu), who will assist you or advise you about contacting the Academic Dean (Dr. Paul Horton, 462-7503,) or Vice President (Dr. Anthony Iacono, Vice President of Academic Affairs 462-7215).

STUDENT SUPPORT: IRSC's **River Support** system is available for any difficulties during the semester, including personal, financial and academic problems. It may be accessed at <https://esweb.irsc.edu/Mariner/student/ssp/faq.jsp> or from the IRSC home page.

GENERAL INFORMATION: Students will supply their *own* Scantron answer sheets for exams. You must use a No. 2 pencil to mark your answers. You are responsible for ensuring that all erasures are complete - I will not re-grade any Scantron after it has been given to the student. Turn mobile phones to silent.

PRACTICE GOOD STUDY HABITS

- **IMPORTANT:** Challenge yourself by recalling information from memory as you would during exams. Use study aides and online quizzes to help do this. Repetition is key!!
- **Use Connect as intended.** Study as you would for an exam *before* attempting Connect assignments; this will identify your weak areas and simulate taking an exam (see above).
- **Start early.** **Set aside study time** and use it *only* for studying. Plan on studying an average of *2-3 hours per college credit* for each course per week.
- **Study often** when well rested in a quiet, comfortable location. *Don't wait to cram.*
- Look over the **Chapter Study Guides** (available under Content) before you begin reading the chapters. Most of the study guide questions and vocabulary terms follow the text closely. There is no need to turn in your work; these study aids are for you.
- **Read the assigned chapters** in the text before coming to class. *Take notes* following the chapter study guides.
- **Take notes** in lecture and while reading the chapters, and combine these into one set. The more you write down (repeatedly), the more you will remember. *Recent research shows that writing by hand increases learning more than typing on a computer.*
- **Recopy notes** by hand after lecture. Clarify confusing points using the text or asking instructor. The more you write, the more likely you will remember material for the exams.
- **Make flash cards** to help learn vocabulary and definitions. Vocabulary terms are typically indicated in bold type in each chapter. It is recommended to consider any term you are not familiar with (within the context of the material) as a vocabulary term.
- **Draw and label** processes and sequences of events for better visualization.
- **Ask questions** via course email.
- **Organize study groups** to help you with answering questions and teaching each other.
- **Tutoring** in ASC is available for free...use it!!