

THIS SYLLABUS IS SUBJECT TO CHANGE AS INSTRUCTOR SEES FIT.
NOTICE WILL BE GIVEN IN LAB.

Biology 115- Introduction to Biological Science
Francis Marion University, Fall 2012

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EMAIL IS BEST! I am not in my office, nor check my voicemail, regularly.



Office hours:

set hours

Monday 10:30 – 11:30

Thursday 10:00 – 11:30

Friday 10:30 – 11:30

by appointment only*

Tuesday 10:00 – 2:30

Friday 8:30 – 9:30

Mon & Wed 8:30 – 9:30**

*Availability may change, set up appointments 24 hours in advance via email

**Starting October 29

Lab Manual: Shannon et al. 2012. *Introduction to Biological Science Laboratory*, Biology 115. Francis Marion University.

Lab Schedule:

<u>Week of</u>	<u>Lab #</u>	<u>Topic</u>	<u>Quiz</u>	<u>Assignments</u>
Aug 27	1	Scientific Inquiry		
Sept 3	No labs	Labor day		
Sept 10	2	Organic Molecules	Yes	I#2 due
Sept 17	3	Enzyme Action	Yes	D#2 due; I#3 due
Sept 24	4	Osmosis and Diffusion*	Yes	D#3 due, LR#4 assigned
Oct 1	5	Microscopy and Cells	No	LR#4 due
Oct 8	6	Cellular Respiration	Yes	I#6 due
Oct 15	7	Photosynthesis*	Yes	D#6 due; LR#7 assigned
Oct 22	8	DNA and its role in heredity	No	LR#7 due
Oct 29	9	Meiosis	Yes	I#9 due
Nov 5	No labs	Fall break		
Nov 12	10	Gene Expression	Yes	D#9 due; I#10 due
Nov 19	No labs	Thanksgiving break		
Nov 26	11	Gel Electrophoresis	Yes	D#10 due

refers to Lab, I= Introduction, D= Discussion, LR = Lab report, * indicates lab for which lab report will be written

Attendance:

- Attendance is REQUIRED. THERE ARE NO MAKE-UP LABS! If you know you are going to be absent (for a legitimate, documented reason), talk to me beforehand and we can arrange for you to attend another lab that week, but ONLY with approval from the other lab instructor.
- Work due during a lab when you are absent will only be accepted if a valid documented reason for your absence is provided within 1 week.
- Attendance will be documented. If you miss more than two (2) labs, for ANY REASON, you may be dropped from the course. If you miss a lab, you will only be able to make-up the quiz with proper documentation.
- Neither tardiness nor leaving early will be tolerated. Coming in late or leaving early will be marked as an absence.

Assignments:

- Introductions-** A one-paragraph summary of the upcoming week's lab. It is to include a summary of the purpose of the lab, questions that are to be addressed, relevant background material WITH REFERENCES (textbook is okay), any pertinent hypotheses, and reasoning for those hypotheses.

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- **Discussions-** A one-paragraph summary of the previous week's lab. It is to include a summary of the purpose of the lab, a re-statement of your hypotheses, and a discussion of your hypotheses given the results you obtained from the experiment.

Assignments, continued:

- **Lab Reports-** Lab reports are due at the beginning of lab. Details on writing lab reports will be given prior to your first assignment.
- **Quizzes-** Students have the first 15 minutes of the class to take the quiz or until everyone is finished, whichever comes first. If you are late, you will have until the last (non-tardy) student is done to finish your quiz. No quizzes will be dropped. There will be no make-up quizzes. Quizzes will be multiple choice, fill-in, matching, and/or short answer, and will cover material from the previous and current weeks' material.

Grading:

- Allocated points:
 - Introductions 20%
 - Discussions 20%
 - Quizzes 30%
 - Lab reports 30%
 - Total 100%

90 - 100% A	70 - 76.9% C
87 - 89.9% B+	67 - 69.9% D+
80 - 86.9% B	60 - 66.9% D
77 - 79.9% C+	< 60% F

- Grading follows FMU's grading scale.
- Late work will be deducted by 10% each day. Assignments more than four (4) days late will not be accepted and will receive a zero.
- All documents (on time or late) must be handed to me or e-mailed to me. You are responsible for any computer/e-mail issues. Late work may also be turned in to me directly or to Angie Cantey (Biology Dept. Secretary, LSF 204). She will mark date and time for when she received the document. **DO NOT SLIDE DOCUMENTS UNDER MY OFFICE DOOR.**
- Attendance is used to indicate participation. There are no participation points *per se*, but active participation and therefore attendance may help sway my opinion if a student is close to the next highest letter grade when I calculate final grades.

Electronic equipment:

- Cell phone or other devices **WILL NOT BE USED** during class unless I approve.
- Calculators may be nice to have, so have one available.

Assistance:

If you need help, PLEASE talk to me, email me, or come to office hours.

Academic Honesty:

- Cheating on quizzes using ANY possible means (looking at someone else's quiz, using cell phone, etc.) will absolutely NOT be tolerated. You will receive a zero and will be reported to the academic affairs committee for formal reprimand.
- Plagiarism is absolutely NOT tolerated. This includes copying or simply paraphrasing a classmate's writing assignment, and directly copying text from other sources such as the internet or your textbook. You and your partner (who chose to share their work with you) will receive a zero for the assignment and will be reported to the academic affairs committee for formal reprimand.
- Academic dishonesty is a SERIOUS offense! You do not need to cheat to pass this course. Repeated offenses can result in failure of the course. Offenses in multiple courses can result in expulsion from the University. Please refer to page 56 in the Student Catalog for specific information about the Francis Marion University policy regarding academic honesty.