

Syllabus part 1 of 2 – Spring 2017
BIOLOGY 112 Section 01: Evolution, Form and Function of Organisms (CRN 20136)
TR 8:30 a.m.-9:45 a.m., HWWE 217

INSTRUCTOR: Mrs. Kathleen E. Janech, M.S.

janechk@cofc.edu (best way to reach me) | (843) 953-4970 (I may not get messages promptly)

OFFICE LOCATIONS: 309/311 Harbor Walk West, and 65 Coming St., Rm. 214 (main campus).

OFFICE HOURS (drop-in): All will be at my Harbor Walk office on T and R from 11:15-12:15. You are welcome to email me to schedule an appt. at another time or location.

Prerequisites

BIOL 111 and BIOL 111L are prerequisites to BIOL 112. If you have not passed BIOL 111, you should **not** be in this class.

Co-requisites

BIOL 112 Laboratory – you **MUST** enroll in the lab section in addition to this lecture.

Required Course Materials

1. *Biological Science*, by Freeman, Quillin & Allison, Sixth Edition, (Pearson Publishers). You can buy it (hardcover or looseleaf version), rent it, get the ebook, borrow it, or share it with a classmate, but you **MUST** have access to this textbook! (You will also need it for Bio. 211, if you are a Bio. major). Use the text and figures to preview, and to reinforce what you are learning in class. There are self-quizzes that can be great study guides, as well as a variety of web links to help you understand the material. There is a lot of material to cover in this course, **so keep up with the reading!**

2. Online access to OAKS and Voice Thread (through MyCharleston), CofC email, and the Remind app

Suggested Course Material

The Study Guide for *Biological Science* by Freeman, Sixth Edition, (Pearson Publishers). This is not required, but it is usually available in the book store and is very helpful for many students.

Course Policies and Requirements

Accommodations

Any student in this class who has a documented disability should speak to me as soon as possible, as well as contact the Center for Disability Services (CDS/SNAP program), located on the first floor of the Lightsey Center, Suite 104, (843) 953-1431, **SNAP@cofc.edu**

Class Attendance

You are expected to attend all meetings of the class. Students are responsible for **getting their own notes from a classmate** for any class missed. Exams will be based almost entirely on lectures with the text used for background information, figures and reinforcement. **You will not do well in this course if you miss lectures. This material is challenging and requires work on your part for success!**

Honor Code

Students are required to adhere to the guidelines outlined by the Honor Board (please see **studentaffairs.cofc.edu/honor-system/studenthandbook/2016-2017-student-handbook.pdf**, sec. 9, p. 11 and 12 specifically). **This includes lying, which will not be tolerated in this course.** All work that you turn in for this course (whether for assignments, quizzes, or exams) must be **your own independent scholarship**, and have not been used, partially or totally, to fulfill requirements for other classes. Any form of plagiarism (intentional and unintentional), cheating, or presenting someone else's work as one's

own will be treated as a serious academic transgression and will be communicated accordingly by the instructor as an honor code violation to the Division of Student Affairs. Be especially cautious of plagiarism when using Internet sources. Cheating, attempted cheating, or plagiarism will result in a grade of zero on that assignment or exam and may result in a final overall grade of F or XXF (failure due to academic dishonesty) for the course.

Quizzes

Several short quizzes will be given throughout the semester on OAKS. They are intended to assist students in keeping up with the large amount of information in this course. **It is the student's responsibility to keep up with due dates and times! No make-up quizzes are given, but your lowest quiz score will be dropped in the final grade calculation.** A missed quiz will result in a 0 for that quiz, unless the student provides a valid and documented absence memo (through the Absence Memo Office – see below). Acceptable excuses include serious illness, personal tragedy or extreme circumstances beyond the student's control. **If you have a quiz excused, all of your remaining quiz scores will count toward your final grade (none will be dropped). No more than 2 quizzes may be excused.** All cell phones, pagers, iPods, iPads, tablets, laptops, etc. are to be turned off and put away during each quiz, and you are **expected to take them by yourself.**

Exams

In this course, there are 4 regular exams scheduled during the semester (see calendar below for dates) and 1 cumulative final exam scheduled during the final examination period. You will need to bring a #2 pencil with you to exams, as they will be Scantron. **There will be no make-up exams.** Anyone who misses an exam will receive a 0, unless the student provides a valid and documented absence memo (through the Absence Memo Office, 67 George St., (843) 953-3390, victimservices.cofc.edu/absence-memo/index.php, absencememo@cofc.edu) for missing a scheduled exam. Acceptable excuses include serious illness, personal tragedy or extreme circumstances beyond the student's control. If you have any conflicts with the scheduled exams, you must see me ahead of time, well before the exam date. After receiving one excused exam, a student will be in danger of receiving a grade of Incomplete for the course if any more exams are missed. **All cell phones, pagers, iPods, iPads, tablets, laptops, etc. are to be turned off and put away during each exam.**

Grading

The quizzes will count for a total of 15% of your final grade. The assignments will count for 10% of your final grade. The 4 regular exams will count for a total of 55% of your final grade. The cumulative final exam will count for 20% of your final grade. Grade calculation formula (try for yourself in an Excel spreadsheet):

$$[(\text{Quiz avg.}) * 0.15] + [(\text{Assign. avg.}) * 0.10] + [(\text{Exam avg.}) * 0.55] + [(\text{Final exam score}) * 0.20] = \text{Final grade}$$

“Hard work beats talent when talent doesn't work hard.” – Tim Notke

Letter grades will be determined by the following breakdown:

≥93% = **A** 90-92 = **A-** 87-89 = **B+** 83-86 = **B** 80-82 = **B-** 77-79 = **C+** 73-76 = **C**
70-72 = **C-** 67-69 = **D+** 63-66 = **D** 60-62 = **D-** ≤59 = **F** 0 due to acad. dishonesty = **XXF**

Please teach yourself how to check on your grade in this course on OAKS, and follow along during the semester. Any errors can be brought to my attention, and are much easier to fix the sooner they are detected!

My Expectations of students in my class:

1. **TURN OFF** all cell phones, pagers, iPods, iPads, tablets, laptops and anything with alarms before coming into my class **AND PUT THEM AWAY**. If you forget to do so you may be asked to leave and not to return that class period. If you have a legitimate need to use a laptop, please see me to discuss.
2. **DO NOT TALK OR TEXT** (your phone should be off and put away anyway) WHEN I AM LECTURING. I am trying to do my job and others are trying to learn – please be courteous and pay attention! If you have a question, please ask me. I love questions from students!
3. This is a large class, and it will take me some time to learn your names. However, I have an excellent memory and I can see everyone, even in such a large lecture hall, so please stay awake, participate and be attentive. **Start behaving now like the student you will want me to write that stellar recommendation letter about!**

COURSE CALENDAR (lecture schedule is tentative – I will notify class of any changes – but exam dates are firm!)

Date	LECTURE TOPIC	Chapter
January		
R 12	Welcome, Introduction, Plants and Plant Development	parts of 1 & 28
T 17	More Plant Development / <i>Last day to Drop/Add is tomorrow!</i>	parts of 28 & 38
R 19	Plant Form, Function & Growth	34
T 24	Water and Sugar Transport in Vascular Plants	35
R 26	Plant Nutrition	36
T 31	Plant Responses / <i>Last day to submit an application for graduation is tomorrow, Seniors!</i>	37
February		
R 2	**EXAM 1**	
T 7	Angiosperm Reproduction	38
R 9	Angiosperm Reproduction	38
T 14	Evolution by Natural Selection / Darwin Week	22
R 16	Evidence for Evolution / Darwin Week	22
T 21	Finish Evidence, start Hardy-Weinberg / Assignment 1 Due	23.1
R 23	**EXAM 2**	
T 28	Hardy-Weinberg, Nat. Selec. Patterns and Speciation	23.1, 23.3, 24
March		
R 2	Animal Development, Animal Form & Function	parts of 30 & 47, 39
T 7	OFF – HAPPY SPRING BREAK!!!	
R 9	OFF – HAPPY SPRING BREAK!!!	
T 14	Water and Electrolyte Balance in Animals	40
R 16	Finish Water and Electrolyte Balance / <i>Midterm grades avail.</i>	40
T 21	Animal Nutrition	41
R 23	Gas Exchange and Circulation / <i>Last day for students to withdraw with a grade of “W”</i>	42
T 28	**EXAM 3**	
R 30	Chemical Signals in Animals	46
April		
T 4	Animal Nervous Systems	43

R 6	Immune System in Animals	48
T 11	Immune System in Animals	48
R 13	Immune System in Animals	48
T 18	Human Reproduction	47
R 20	**EXAM 4**	
T 25	Last day of this class! Human Repro. & STDs, Assignment 2 Due	
W 26	Official last day of classes for the spring semester	
Sat. 29	FINAL CUMULATIVE EXAM, 8-11 a.m., This Room!	

**** Please note: as stated in the Undergraduate Catalog (all online: catalog.cofc.edu/content.php?catoid=3&navoid=130&hl=%22exams%22&returnto=search#final-examinations):**

Examinations **must** be taken at the time scheduled, **except** when:

1. Two or more exams are scheduled *simultaneously*.
2. Legitimate **AND** documentable extenuating circumstances prevent the student from completing the examination at the scheduled time (e.g., burial services for an immediate family member) *Note: Forms for requesting permission to reschedule one exam may be found on the Student Academic Forms channel on the Academic Services tab on MyCharleston. Written permission of the instructor and all relevant signatures must be obtained at least 24 hours prior to the scheduled time for the final examination.*

Make it a habit to always check out your final exam schedules: registrar.cofc.edu/pdf/exam-schedule-spring2017.pdf

Learning Goals & Objectives for Biology 112 & 112L Evolution, Form, and Function of Organisms can be found in more detail in the online syllabus (part 2 of 2) on my course page in OAKS.