

**Syllabus part 1 of 2 – Spring 2017**  
**BIOLOGY 102 Section 06: Concepts & Applications in Biology II (CRN 22078)**  
TR 9:55-11:10 a.m., HWWE 213

**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 101 and BIOL 101L are prerequisites to BIOL 102. If you have not passed BIOL 101, you should **not** be in this class.

**Co-requisites**

BIOL 102 Laboratory – you **MUST** enroll in a lab section in addition to this lecture.

**Required Course Materials**

1. *Biology: Concepts and Applications*, Ninth Edition, Starr, Evers & Starr, 2015. You can buy it, rent it, get the ebook, borrow it, or share it with a classmate, but you **MUST** have access to this textbook! The appropriate readings are given on the lecture schedule. 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 interesting web links to help you understand the material.

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

**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 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](http://victimservices.cofc.edu/absence-memo/index.php), [absencememo@cofc.edu](mailto: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 the lecture portion of your final grade. The assignments will count for 10% of the lecture portion of your final grade. The 4 regular exams will count for a total of 55% of the lecture portion of your final grade. The cumulative final exam will count for 20% of the lecture portion of your final grade. Grade calculation formula (try for yourself in an Excel spreadsheet):

$[(\text{Quiz avg.}) * 0.15] + [(\text{Assign. avg.}) * 0.10] + [(\text{Exam avg.}) * 0.55] + [(\text{Final exam score}) * 0.20] = \text{Lecture portion of your final grade (75\%)}$ . The grade that you earn in your Bio 102 lab will count for the remaining 25% of your final grade for Bio 102.

**\*STUDENTS WHO HAVE A SOLID "A" AVERAGE (93 OR HIGHER) AT THE END OF THE SEMESTER FOR THE LECTURE PORTION OF THE COURSE CAN OPT TO BE EXEMPT FROM THE FINAL EXAM, BUT YOU MUST TALK TO ME TO CONFIRM; NO SHOW = 0.\***

Letter grades will be determined by the following breakdown:

$\geq 93\% = \mathbf{A}$      $90-92 = \mathbf{A-}$      $87-89 = \mathbf{B+}$      $83-86 = \mathbf{B}$      $80-82 = \mathbf{B-}$      $77-79 = \mathbf{C+}$      $73-76 = \mathbf{C}$   
 $70-72 = \mathbf{C-}$      $67-69 = \mathbf{D+}$      $63-66 = \mathbf{D}$      $60-62 = \mathbf{D-}$      $\leq 59 = \mathbf{F}$     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 the class of any changes – but exam dates are firm!)**

<b>Date</b>	<b>LECTURE TOPIC</b>	<b>Chapter</b>
<b>January</b>		
R 12	Welcome, Intro., & start Evolution, Galapagos Islands, Hardy-Weinberg formula	16.2,17.1-17.2
<b>T 17</b>	Violations of H-W and Evidence for Evolution / <i>Last day to Drop/Add is tomorrow!</i>	17.2, 17.7, 17.6, 16.2 – 16.4, 16.6, 16.9, 17.4, & p. 297
R 19	More Evidence for Evolution	16.1, 16.5, 16.7
T 24	Malthus and Darwin’s observations on Natural Selection; camouflage and mimicry and patterns of Natural Selection	16.8, p. 257 in 16.2, 41.4 17.3-17.6, 17.1
R 26	Misconceptions about Evolution, Cladistics, Taxonomy and Speciation	1.4, 17.12, 17.13, 16.6, 17.8, 17.9, Geologic clock on p.271, 17.10 (part)
<b>T 31</b>	Finish Speciation / <i>Last day to submit an application for graduation is tomorrow, Seniors!</i>	17.10 (part), 17.11, 17.12, 17.13
<b>February</b>		
<b>R 2</b>	<b>**EXAM 1**</b>	
T 7	Origins of Life and Prokaryotes (Bacteria and Archaea)	18, 19.4 (part), 19.5, 19.7, 19.8, 4.12 p. 71, 1.3 p. 8
R 9	Viruses	19.1 and a little of 19.2
<b>T 14</b>	Protists: From Prokaryotes to Eukaryotes / <b>Darwin Week</b>	20.2 (part), 20.4 (part), 20.5; p. 283 (chap. 17) on malaria; 20.6 (part), 20.7 (part)
<b>R 16</b>	Plant Evolution – Bryophytes and Ferns / <b>Darwin Week</b>	21.1, 21.2, 21.3, 21.4
T 21	More on Plant Evolution – Gymnosperms and Angiosperms and Plant Tissues / <b>Assignment 1 Due</b>	21.5, 21.6, 25.1 (part), 25.6 (part), 25.7 (part)
<b>R 23</b>	<b>**EXAM 2**</b>	
T 28	Plant Reproduction and Development, Fungi	27.1, 27.2, 22.1 (part), 22.2 - 22.4 (parts)

<b>March</b>		
R 2	Start Animal Evolution – Traits and Trends	23.1, 23.2, 23.3, 23.4
T 7	<b>OFF – HAPPY SPRING BREAK!!!</b>	
R 9	<b>OFF – HAPPY SPRING BREAK!!!</b>	
T 14	More Animal Evolution – Invertebrates	23
R 16	Animals - Invertebrates / <i>Midterm grades avail.</i>	23
T 21	Animals – Vertebrates	24
R 23	Animals - Vertebrates / <i>Last day for students to withdraw with a grade of “W”</i>	24
T 28	<b>**EXAM 3**</b>	
R 30	Start Human Evolution	24.8 – 24.12
<b>April</b>		
T 4	Finish Human evol., start and finish Human Population Ecology	24.8 – 24.12, 40.3, 40.6
R 6	Human Systems – start Innate Immunity	
T 11	Human Systems – more Immunity	34
R 13	Finish Immunity	34
T 18	Human Systems – Endocrine control and Hormones	31, 38
R 20	<b>**EXAM 4**</b>	
T 25	<b>Last day of this class! Human Repro. &amp; STDs, Assignment 2 Due</b>	
W 26	Official last day of classes for the spring semester	
<b>May</b>		
R 4	<b>FINAL CUMULATIVE EXAM 8-11 a.m., THIS ROOM!</b>	

**\*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](http://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](http://registrar.cofc.edu/pdf/exam-schedule-spring2017.pdf)

**Learning Goals & Objectives for Biology 102 & 102L Concepts and Applications in Biology II can be found in more detail in the online syllabus (part 2 of 2) on my course page in OAKS.**