**NORTH CAROLINA STATE UNIVERSITY**

**COLLEGE OF SCIENCES**

**DEPARTMENT OF BIOLOGICAL SCIENCES**

**SPRING SEMESTER 2019**

**BIO 183: Introductory Biology II**

**Course Guidelines**

**Mon/Wed 1:30-2:45 PM (005)**

**105 Cox Hall**

**Instructor:** Dr. Flores

**Office:** 232 David Clark Labs

**Office Hours:** By apt. (Just email me and we will work out a meeting time!)

**Email:** [jfflore2@ncsu.edu](mailto:jfflore2@ncsu.edu)

**Textbook:**

***Biology***, by Raven, Johnson, Mason, Losos and Singer, McGraw Hill Publishers, 2017. Available at the bookstore or anywhere you can find it!

**Learning Outcomes:**

1. To provide a comprehensive and integrated introduction to the organizational and operational principles of living organisms. Focus will be on cellular, molecular, and developmental concepts.
2. To develop the ability to apply the scientific method to the design and conduct of laboratory and field experiments.
3. To develop verbal and written language skills essential to effective communication in the scientific community.

**Lecture:**

1. Students who discontinue class attendance without following proper procedures for dropping or withdrawing will receive a grade of F in the course.
2. Four (4) exams will be given during the semester in the course; the date of each exam is stated in the lecture box at the end of the syllabus. Each of these exams has a 100-point value. Exams must be taken at the scheduled times. Each exam is given at the beginning of the designated class meeting. A 75-minute time period is allowed for each exam; exams must be turned in promptly. There will be no make-up exams given. An exam missed with a university-recognized excuse (and official documentation) will result in the following: If you have a documented excuse for missing one exam, you must contact me within 48 hours of the missed exam – your missed exam grade will be substituted by the same grade that you receive on the final exam. If you miss more than one exam, even with an excuse, we will have to meet to discuss your options for this course.
3. Questions on the exams will be of two basic types: multiple-choice and free-response. For the latter, your writing must be legible in order to receive full credit for an answer. If I cannot read your writing it will be counted as wrong.
4. I believe that you need to read and review at your own pace. That said, we will generally cover the material in chapters 1-8, 10-15 and 20 in your textbook throughout the semester. Start reading and keep reading all semester long. Biology is a subject where the more complex material gives the less complex material context so you cannot read too much in my opinion. For the successful completion of the course you should read and take notes of the specific topics covered in lecture.
5. In-class assignments will be conducted and these may be individual or group tasks. Like the exams, there will be no make-ups. If you miss a class and its connected exercise, it is your responsibility to contact a classmate to find out what you missed and try to obtain a copy from them. Since all exercises are built upon the material in this course, it is in your best interest to do so.
6. The final exam has a 200-point value. The final exam will be comprehensive and review material from all of the semester.

**Course Grade**: ***No extra credit will be given.***

1. All course work submitted for a grade in both lecture and lab must be your own. University standards of academic integrity forbid either giving or receiving unauthorized help on graded work. Violations of University standards will be prosecuted. The academic integrity statement must be signed on each exam.
2. Your course grade will be determined according to this scale:

Four Lecture Exams 400

Final Lecture Exam 200

Laboratory Grade 300

Total 900

**A plus/minus system of letter grading is used in this course**.

A+ 873-900 C+ 688-714 F below 535

A 832-872 C 652-687

A- 806-831 C- 625-651

B+ 778-805 D+ 598-624

B 742-777 D 562-597

B- 715-741 D- 535-561

A grade of **Incomplete (IN)** may be assigned at the discretion of your instructor. This grade is considered only in the circumstances of a serious interruption in your work not caused by your own negligence. An IN grade is appropriate only if your record in this course is such that the successful completion of missed assignments or exams would enable you to pass the course.

**Inclusion**

It is the policy of the State of North Carolina to provide equality of opportunity in education and employment for all students and employees. Educational and employment decisions should be based on factors that are germane to academic abilities or job performance. North Carolina State University (“NC State”) strives to build and maintain an environment that supports and rewards individuals on the basis of relevant factors such as ability, merit and performance. Accordingly, NC State engages in equal opportunity and affirmative action efforts, and prohibits discrimination, harassment, and retaliation, as defined by this policy.

**This classroom is an inclusive space. Students and instructors in this course will treat one another with respect regardless of race, ethnicity, national origin, religion, ability, age, sexual orientation, sex, gender identity, or veteran status.**

**Supporting Fellow Students in Distress**

As members of the NC State Wolfpack community, we each share a personal responsibility to express concern for one another and to ensure that this classroom and the campus as a whole remains a safe environment for learning. Occasionally, you may come across a fellow classmate whose personal behavior concerns or worries you. Anytime you are concerned about any member of the Wolfpack community, I would encourage you to report this behavior to the [NC State Cares website](https://ncstatecares.dasa.ncsu.edu/). Although you can report anonymously, it is preferred that you share your contact information so they can follow-up with you personally.

**Statement on Disabilities:** Reasonable accommodations will be made for students with verifiable disabilities. In order to take advantage of available accommodations, students must register with the[**Disability Resource Office**](https://dro.dasa.ncsu.edu/) at University College Commons, Suite 304, 2751 Cates Avenue, Campus Box 7509, 919-515-7653. For more information on NC State’s policy on working with students with disabilities, please see the [**Academic Accommodations for Students with Disabilities Regulation (REG02.20.01)**](https://policies.ncsu.edu/regulation/reg-02-20-01) .

*BIO 183 Spring 2019 Schedule*

**EXAMS – January 30, February 27, April 1 and April 24\***

**\*this is the due date for a take home project that will count as an exam grade**

Topics to be covered include: evolution, biological macromolecules, the properties and benefits of membranes, cellular structure, function and energy acquisition, homeostasis, reproduction and biological information flow.

Include all or part of the following in your readings:

**review sections** 1.4, 2.3-2.6, 20.1, 26.1, 26.2, 29.1, 29.2

**read** Ch. 3-15, 28, 42, 53, 54

**skim** Ch 22, sections 43.7, 55.1, 56.4 and 57.2.

*Reading/reviewing before and after class will help to reinforce the material!*

**FINAL EXAM – 5/1, 1-4pm in our regular classroom. Check the exam schedule for any updates or changes by the university. Once the first student has submitted their exam and left the room no one will be permitted to enter and begin the exam and once the last student in the room is finished, the exam is over!**

**No Class: January 21 and March 11-15**