

HUMAN BIOLOGY - BIOLOGY 132

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| Monday | Tuesday | Wednesday | Thursday | Friday |
|----------------|---------------|----------------|-------------|----------|
| 12:30 – 1:30pm | 9:00am – Noon | 10:30 – 1:30pm | 9:00 – Noon | By Appt. |

Human Biology will encompass a wide variety of topics from the philosophy of science, human evolution, anatomy, basic physiology, and genetics. The bulk of lectures (> 75%) cover human anatomy and physiology. Laboratory exercises focus on comparative anatomy using cat, human specimens, plastic models and animal parts. A special emphasis will be on the evolution and function of human anatomical structures. Bio 132 is a logical extension of General Biology (Bio 131), and is an excellent preparatory course for Human Anatomy and Physiology (Bio 155 or Bio 253/254) as well as related courses in the allied health divisions.

Text: Human Biology 12th or 13th ed., S.S. Mader

Lab Manual: Photographic Atlas for the Anatomy & Physiology Laboratory 6th or 7th ed., Van de Graaff, Morton & Crawley

Grades: The grade you earn in this course will be based upon total points accumulated on:

- | | |
|--------------------------------------|---------------------------------------|
| 1) Lecture Exams (5 @ 100 pts. each) | 3) Lab Practicals (3 @ 100 pts. each) |
| 2) Quizzes/Assignments | 4) Lab Attendance |

The grading scale is:

| | | | |
|------------|-----|-----------|-----|
| 95 – 100 % | 4.0 | 75 – 79 % | 2.0 |
| 90 – 94 % | 3.5 | 70 – 74 % | 1.5 |
| 85 – 89 % | 3.0 | 65 – 69 % | 1.0 |
| 80 – 84 % | 2.5 | 60 – 64 % | 0.5 |

You will be expected to keep a record of your grades so that you may calculate your grade at any time. Grades will also be posted to the website so you can verify your scores.

***every effort will be made to adhere to the syllabus and grading rubric as written in this document, but the professor reserves the right to make changes as needed**

Absence Policy: You are responsible for all assignments, handouts and materials covered in lecture and in lab exercises. If you must miss a lab exercise or an exam, it is your responsibility to arrange make-up. The privilege of making-up exams will be extended only in the case of emergency, illness, or previously authorized business, and will require proof. Lab work can be made-up by attending other lab sections, or by doing the work on your own. Unannounced quizzes cannot be made up. Practicals may not be made up unless you can take the practical with another lab section. In the event of a missed practical, you may either take a zero for the score, or take an incomplete for the course, and make up the practical next semester.

General Philosophy: As an adult and a college student, you are expected to be able to work and learn independently, and be responsible for all assignments and materials. This is a difficult course, and will cover a tremendous amount of material; that will require a lot of hard work and discipline. You will need to keep up, as the pace of the class is fast, and it will accelerate. There are no quick,

easy ways; what you learn here will be directly proportional to the amount of effort you have expended. You are also expected to be considerate of the rights of others and not to interfere with those who are trying to study, work and learn.

Miscellaneous:

1. You are expected to keep a complete and well-organized notebook of lecture notes, assignments, grades and other material covered in lecture or lab. This will not be collected or graded but will be for your benefit since it will provide your main source of information. Always bring your complete notebook to any help session.
2. It is expected that problems that occur because you feel an error has been made, disagree with what has been done, or feel unfairly treated, will be brought to my immediate attention so that they may be resolved.
3. There will be no extra credit projects for this course, since it is felt that your time will be better allocated in studying the assigned materials.
4. Student tutors may be available on a need basis, at no cost to the student being tutored. The Center for Student Success in BW 123 is also available to provide resources and help for your classes.
5. Students with documented disabilities who believe that they may need accommodations in this class are encouraged to contact the Center for Student Success in BW 123 or phone 787-0800, extension 8270 as soon as possible to ensure that such accommodations are implemented in a timely fashion.
6. **ADOs** for Biology 132 include: ADO 4: Scientific Reasoning and ADO 9: Working in Small Groups
7. All students are expected to comply with JCC Academic Honesty Policy. The policy can be viewed at <<http://www.jccmi.edu/administration/deanoffaculty/academicHonestypolicy.htm>> Any students caught or believed to be cheating will receive a 0% for the assignment, and all Academic Deans will be notified of the incident.
8. Your progress and behavior in this class may be shared with members of other JCC programs or other academic programs to which you are applying. Also, if I am contacted for by a prospective employer on your behalf, I will give an honest assessment of your abilities based on your performance in lecture and lab.

LABORATORY PROCEDURE: Lab is a very important learning component of this course, and I expect cooperation with other students and the instructor in keeping the lab orderly and clean. Please observe the following lab guidelines, and encourage your partners to do the same.

1. Lab assignments will be announced at the beginning of each lab period. Specific instructions will also be given at this time. You will be expected to complete all the assignments that require dissection or lab apparatus during this time. If you run out of time, some of the questions, plus the practical exercises at the end of each unit can be answered later using standard reference books.
2. You will be expected to return all materials, apparatus, and reference books to their proper place at the end of the lab period. Apparatus that has been used should be washed with tap water and blotted dry with paper towels. Please leave materials neatly arranged; all members of each working group will be held responsible for the condition and return of all lab materials.
3. Consult with other members of the class and the instructor concerning any part of your work. Cooperation and consultation are encouraged: however, make certain that you completely understand everything since you will be held individually accountable for all materials covered.
4. Disruptive behavior and loud conversations will not be permitted.
5. You are free to leave the lab when you have completed the assigned materials. Do not disturb others who are still working.