Professor: Carol Chaia Halpern, Ph.D.  
Office location: Higgins 425  
Telephone # 552-3565  
email: halpern@bc.edu  
Office hours: Th 11:15 – 1 and by appointment

Students are strongly encouraged to come see me (either during office hours or by appointment) regarding questions or difficulties with the material covered and/or other difficulties that interfere with the learning process.


Boston College Mission Statement
Strengthened by more than a century and a half of dedication to academic excellence, Boston College commits itself to the highest standards of teaching and research in undergraduate, graduate and professional programs and to the pursuit of a just society through its own accomplishments, the work of its faculty and staff, and the achievements of its graduates. It seeks both to advance its place among the nation's finest universities and to bring to the company of its distinguished peers and to contemporary society the richness of the Catholic intellectual ideal of a mutually illuminating relationship between religious faith and free intellectual inquiry.

Boston College draws inspiration for its academic societal mission from its distinctive religious tradition. As a Catholic and Jesuit university, it is rooted in a world view that encounters God in all creation and through all human activity, especially in the search for truth in every discipline, in the desire to learn, and in the call to live justly together. In this spirit, the University regards the contribution of different religious traditions and value systems as essential to the fullness of its intellectual life and to the continuous development of its distinctive intellectual heritage.

BIOL 131001 Anatomy and Physiology Lab I
Laboratory exercises intended to familiarize students with the various structures and principles discussed in BIOL 1300 through the use of anatomical models, physiological experiments, and other materials. Lab fee required. Does not satisfy Natural Science Core Requirement for BC students. This course is intended for Nursing/Allied Health Professions students. Boston College biology majors/premed students must obtain department approval before registering for this course.

June 22–July 8, M T W, 11:15 a.m.-1:30 p.m.

Carol Chaia Halpern

<table>
<thead>
<tr>
<th>Date</th>
<th>Lab Topic/s</th>
<th>Exercises in Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/22</td>
<td>Introduction: measurements, graphing, and the metric system; The Language of Anatomy; Body planes, orientations, organ systems</td>
<td>Getting Started pp. xiv-xx</td>
</tr>
<tr>
<td></td>
<td>Introduction to the Microscope</td>
<td>Exercises 1 and 2</td>
</tr>
<tr>
<td>6/23</td>
<td>Microscopy continued</td>
<td>Exercise 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exercises 4 Activity 5</td>
</tr>
</tbody>
</table>
Cell membrane functions  Activity 5 of Exercise 5A

6/24  
**Quiz 1**  
Classification of Tissues: Exercise 6A  
Epithelia, Muscle, Nervous, Connective

6/29  
Tissue microscopy – Continued Exercise 7 and 9  
Integument  
Bone development

6/30  
**MIDTERM EXAM** (all material through 6/29)  
Introduction to the Skeletal System  
The Axial Skeleton Exercise 10

7/1  
The Appendicular Skeleton Exercises 11  
Joints and Articulations

7/6  
**Quiz 2**  
Muscles Exercises 14&15 and A.D.A.M.

7/7  
Genetics pp. 45-48 of Ex.4 and Handout

7/8  
**FINAL EXAM** (cumulative)

**General Information**

Please note that **NO food or drink is allowed in the lab.**  
You must wear closed shoes in the laboratory. Sandals or other open shoes are not permitted. You will be sent home to change if you don’t comply and will miss part of the lab.

Lab attendance is mandatory and there is no make-up.

At the beginning of each lab, there will be a lecture and explanation for that day’s lab. Please down load and print the power point and any hand-outs for the day before coming to lab. These will be on the BI1310 canvas site.

The quizzes and exams include all the information that is covered in lab as well as the material you are told to be responsible for that may not be directly discussed. Thus, you are responsible for all the homework assignments, the power points, the hand-outs, models, diagrams, and all materials/equipment used in the lab.

Please talk to Professor Halpern or your lab teacher if you are experiencing difficulties with aspects of the lab work or other things that interfere with your class-work.
During lab, you will be working with the hand out posted for a given lab, the lab manual, Physio-Ex exercises which are on the MasteringA&P site, and A.D.A.M. software in an overlapping fashion, as needed. Please bring your lab manual to all classes. In general, you will work with a lab partner and share in the work and observations. You are encouraged to discuss the procedures and results with each other and to ask questions of the lab teacher. However, **once you sit down to do your homework, you need to work independently.** While this seems self-explanatory, please realize that this includes: a. answering assigned questions on your own and in your own words b. creating your own tables and graphs even when data was collected with a lab partner. In other words, you do your homework on your own. Also, please read the information on Academic Integrity at [www.bc.edu/integrity](http://www.bc.edu/integrity).

“**Boston College values the academic integrity of its students and faculty. It is your responsibility to familiarize yourself with the university’s policy on academic integrity: http://www.bc.edu/offices/stserv/academic/resources/policy/#integrity. If you have any questions, always consult your professor.**

Violations of academic integrity will be reported to your class dean and judged by the academic integrity committee in your school. If you are found responsible for violating the policy, penalties may include a failing grade as well as possible probation, suspension, or expulsion, depending on the seriousness and circumstances of the violation.”

Before leaving the lab, please be sure you understand the homework assignment for the next class (usually the next day). If you need help please discuss it with your lab teacher immediately. Homework is due the following lab. Late work will be down-graded and not accepted if more than one day late.

**Take responsibility for your learning process.** Come to lab prepared and on time. This means that you look over the exercises for that day so that you can really start working as soon as you come to lab. Even though you may not know exactly what will happen in lab, some of the terminology will already be familiar.

Whenever quizzes and exams are given, they will be at the beginning of class - be there on time. There are **no make up quizzes or exams.** Students that have to miss an exam for significant medical reasons must first contact Dr. Halpern and their lab instructor prior to the quiz or exam hour. Then s/he needs to obtain a letter from the dean. Otherwise a zero will be recorded for the missed exam or quiz.

Take pride in the learning process. Plan to take the full lab time to study the material in whatever form it is presented during a given week. If you find yourself taking the easy way out or not wanting to do the necessary work, think of your healthcare provider and imagine how you would feel if s/he had the same attitude.

**How Your Grade Will Be Determined:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Homework</td>
<td>35%</td>
</tr>
<tr>
<td>2 Scheduled Quizzes (12% each)</td>
<td>24%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>19%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>19%</td>
</tr>
<tr>
<td>T.A. Evaluation (attendance, attitude, participation)</td>
<td>3%</td>
</tr>
</tbody>
</table>
Important Policies
http://www.bc.edu/content/bc/schools/advstudies/guide/academicinteg.html

Consistent with our commitment of creating an academic community that is respectful of and welcoming to persons of differing backgrounds, we believe that every reasonable effort should be made to allow members of the university community to observe their religious holidays without jeopardizing the fulfillment of their academic obligations. It is the responsibility of students to review course syllabi as soon as they are distributed and to consult the faculty member promptly regarding any possible conflicts with observed religious holidays. If asked, the student should provide accurate information about the obligations entailed in the observance of that particular holiday. However, it is the responsibility of the student to complete any and all class requirements for days that are missed due to conflicts due to religious holidays.

There may be circumstances that necessitate a departure from this policy. Feel free to contact the Summer Session Office at 617-552-3800 for consultation.

If you are a student with a documented disability seeking reasonable accommodations in this course, please contact Kathy Duggan, (617) 552-8093, dugganka@bc.edu, at the Connors Family Learning Center regarding learning disabilities and ADHD, or Paulette Durrett, (617) 552-3470, paulette.durrett@bc.edu, in the Disability Services Office regarding all other types of disabilities, including temporary disabilities. Advance notice and appropriate documentation are required for accommodations.