

# BI 103 - General Biology: Human Body – Spring, 2021

**INSTRUCTOR:** Rachel Jacobs  
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**LIVE ZOOM OFFICE HOURS:** Tuesdays, 10:00-11:00am  
Fridays, 1:00-2:00pm

## **COURSE DESCRIPTION AND OBJECTIVES**

The purpose of this course is to give you a better understanding of the normal structure and function of the human body. Students will develop appropriate anatomical vocabulary, an understanding of pathology, nutrition, and physiology.

After successfully completing this course, students should be able to:

1. List ways that humans communicate with or respond to the environment
2. Explain ways that humans acquire and utilize nutrients
3. Explain the role of transport in the human body
4. Relate structure and function as they pertain to the human body

**REQUIRED MATERIAL** Textbook - Thibodeau & Patton, The Human Body in Health and Disease, 7<sup>th</sup> Ed.  
Study Guide - Biology 103: Human Body

## **GRADING**

Your grade will be determined by your performance in several categories. The contribution of each category towards the final grade is shown below:

Midterm .....	50	A = 90 - 100%
Lecture quizzes (2 @ 25 points each) ...	50	B = 80 - 89%
Lab quizzes (2 @ 10 points each).....	20	C = 70 - 79%
Homework/Writing Prompts/Forum ...	90	D = 60 - 69%
Final Exam (comprehensive).....	<u>75</u>	F = 59.9% or below
Total Points Possible .....	285	

The above distribution of points is only approximate and, as with the course schedule, subject to minor changes. Your grade will be determined by your point standing in the class.

## **ASSIGNMENTS/LAB/EXAMS**

Course assignments, quizzes, and exams give you a chance to review and to be challenged by the material you have learned. They help you evaluate how you are doing in the course. During the term there will be two lecture quizzes, one midterm exam, two lab quizzes, a variety of homework and lab assignments, and a comprehensive final exam.

***All assignments are due by the specified date and time, no late work will be accepted. Assignment keys are posted promptly at 5pm on Fridays each week and all work must be submitted before that time, no exceptions will be made.***

Lecture quizzes, the midterm and final will consist of a variety of formats but will be conducted entirely online via Moodle. All assessments must be completed at the specified scheduled time and no makeups are given for any reason. If you are unable to complete the assessment at that time (conflicting work schedule for example), you must contact the instructor **BEFORE** the exam or quiz is given. The instructor will consider situations on a case-by-case basis.

Material presented in lab will both complement lecture material and represent a portion of each future exam. **You must complete at least 70% of the labs to pass the class.** As with homework assignments, lab assignments will not be accepted after the posted due date.

## **LECTURE**

Watching all provided lectures is essential for achieving a good grade in this course. I encourage you to use your course schedule to identify the topics that we will focus on during that lecture and read the appropriate material in your textbook before watching the presentation.

## **STUDY SUGGESTIONS**

Many study strategies may facilitate your success in this class. Some such strategies are detailed below:

- **Review class notes** each day so you can gauge your understanding and ask questions on material you do not understand. Consider rewriting the information using your own words.
- **Review material before watching lectures** by reviewing the posted lecture slides. This is a fast-paced course and we cover a lot of material. Having this review done *before* watching the lecture will help you get the most out of the provided presentations.
- **Read your textbook**, this is especially helpful when there are areas that we have covered in class that are unclear to you.
- **Turn assigned work in on time**, every single point counts!

Keeping up with your reading and the class material pays off in the long run because you will not have to “cram” for exams. More importantly, studying regularly helps you learn better. You will find that every topic is connected to those that precede and follow it. If you study and understand each topic as you go, you will have a firmer foundation for learning what comes next. Additional instructional services, are available for all students at the Learning Center. Please visit the LBCC webpage for more information about services available through this campus resource.

## **MOODLE**

Moodle will be used in this course as a means for communication and facilitation of success in this course. Lecture presentations, supplemental materials, announcements and assignments will be posted to the Moodle site. It is the responsibility of the student to establish their access to the class Moodle site and update their email address on the site to ensure they receive any correspondence from me or other students. It is advised that students log on to Moodle and your LBCC email daily to receive updates and course details.

## **STUDENT BEHAVIOR**

Although collaboration is important in learning, ultimately each student is responsible for demonstrating individual ability. Cheating on exams and copying homework/activities will result in a zero for that activity and may result in further disciplinary action. Copying exam questions, taking pictures of exams or other forms of documentation are strictly prohibited at all times & any student engaging in such activities may face further disciplinary consequences. **Plagiarism** is also cheating and includes turning in someone else’s work as if it were your own, using sources (another person’s ideas, words, or facts) without giving credit to them, not listing sources at the end of a paper or copying a paper off the Internet, etc. Further details about LBCC’s policy on cheating may be found in the Administrative Rule: 7030-02, Academic Integrity. The basis for determining behavior and expectations in this class is outlined in the LBCC Student Handbook.

## **ACCOMODATIONS AND EMERGENCY PLANNING**

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in this class, please talk to me as soon as possible to discuss your needs. If you believe you may need accommodations, but are not yet registered with CFAR, please go to <http://linnbenton.edu/cfar> for steps on how to apply for services or call 541-917-4789.

## **LEARNING ENVIRONMENT**

I value the learning experience of every student in my class. I ask that we do not tolerate any disrespectful behavior towards anyone else online or in person. If you have a problem or witness anything concerning, please let me know. Maintaining a respectful and peaceful class atmosphere is an important component to facilitating your success as students. The LBCC community is enriched by diversity. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. I actively support this right regardless of race, creed, color, personal opinion, gender, sexual orientation, or any of the countless other ways in which we are diverse.

**BI 103 – General Biology: Human Body**  
**Tentative Lecture & Laboratory Schedule, Spring 2021**

<b>Week</b>	<b>Lecture &amp; Assessment Schedule</b>	<b>Laboratory</b>
<b>1</b> 3/28/21 - 4/3/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Introduction &amp; Homeostasis (<i>Chapter 1</i>)</li> <li>• Cells &amp; Tissues (<i>Chapters 3 &amp; 4</i>)</li> <li>• Body Systems (<i>Chapter 5</i>)</li> </ul>	<u><i>Homeostasis &amp; Cells Lab</i></u>
<b>2</b> 4/4/21 - 4/10/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Integumentary System (<i>Chapter 7</i>)</li> <li>• Skeletal System (<i>Chapter 8</i>)</li> </ul>	<u><i>Skeletal System Lab</i></u>
<b>3</b> 4/11/21 - 4/17/21	<b><i>Lecture Quiz #1 (30 minutes) - Complete Monday, 4/12/21 on Moodle. Open between 7am and 7pm.</i></b> Lecture Topic: <ul style="list-style-type: none"> <li>• Muscular System (<i>Chapter 9</i>)</li> </ul>	<b><i>Bone Lab Quiz (20 minutes) Complete Friday 4/16/21 Open on Moodle 7am-7pm</i></b>  <u><i>Muscular System Lab</i></u>
<b>4</b> 4/18/21 - 4/24/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Nervous System (<i>Chapter 10</i>)</li> <li>• Special Senses (<i>Chapter 11</i>)</li> </ul>	<b><i>Muscle Lab Quiz (20 minutes) Complete on Friday 4/23/21 Open on Moodle 7am-7pm</i></b>  <u><i>Nervous System &amp; Senses Lab</i></u>
<b>5</b> 4/25/21 - 5/1/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Endocrine System (<i>Chapter 12</i>)</li> <li>• Cardiovascular System (<i>Chapter 14</i>)</li> </ul>	<u><i>Blood Lab (Chapter 13)</i></u>
<b>6</b> 5/2/21 - 5/8/21	<b><i>Midterm (55 minutes) - Complete Monday, 5/3/21 on Moodle. Open between 7am and 7pm.</i></b> Lecture Topics: <ul style="list-style-type: none"> <li>• Cardiovascular System (<i>Chapter 15</i>)</li> <li>• Immune System (<i>Chapter 16</i>)</li> </ul>	<u><i>Cardiovascular System Lab</i></u>
<b>7</b> 5/9/21 - 5/15/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Immune System (<i>Chapter 16</i>)</li> <li>• Respiratory System (<i>Chapter 17</i>)</li> </ul>	<u><i>Immune System Lab</i></u>
<b>8</b> 5/16/21 - 5/22/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Respiratory System (<i>Chapter 17</i>)</li> <li>• Digestive System (<i>Chapter 18</i>)</li> </ul>	<u><i>Respiratory System Lab</i></u>
<b>9</b> 5/23/21 - 5/29/21	<b><i>Lecture Quiz #2 (30 minutes) - Complete Monday, 5/24/21 on Moodle. Open between 7am and 7pm.</i></b> Lecture Topics: <ul style="list-style-type: none"> <li>• Digestive System (<i>Chapter 18</i>)</li> <li>• Urinary System (<i>Chapter 20</i>)</li> </ul>	<u><i>Digestive System Lab</i></u>
<b>10</b> 5/30/21 - 6/5/21	Lecture Topics: <ul style="list-style-type: none"> <li>• Urinary System (<i>Chapter 20</i>)</li> <li>• Reproductive System (<i>Chapter 23</i>)</li> </ul>	<u><i>Urinary System &amp; Reproductive System Lab</i></u>

**Week 11: Final Exam is Monday, June 7<sup>th</sup>, allow for 1 hour and 50 minutes to complete the exam. Open on Moodle from 7am to 7pm.**