

Biology 103 – Human Body Spring 2022

CRN: 40935

Class Website on Moodle

Instructor: Steven Skarda

e-mail: skardas@linnbenton.edu

regularly

Office Hours: I check my e-mail daily and will be glad to answer your questions.

Lecture: MF 1–2:20

Lab W 1-2:50 WOH218

Office: WOH - 222

Phone: 917-4654 Do not answer

REQUIRED TEXT: DDA: ESSENTIALS OF ANATOMY & PHYSIOLOGY W/ MASTERING BI 103 Human Biology Lab packet

COURSE GOALS: To give you a better understanding of structure and function of the human body. We will discuss what happens when the body systems don't function as they are designed - disease. Students will develop anatomical vocabulary, an understanding of pathology, nutrition, anatomy and physiology.

GRADING:

Cumulative Final Exam	100 pts	A = 90 – 100%
Bone & Muscle Quiz (20pts ea)	40 pts	B = 80 – 89%
Quizzes /exams 5 (25 pts ea)	125 pts	C = 70 – 79%
Lab activities & homework	95 pts	D = 60 – 69%
Investigative reports 3 (10 pts ea)	<u>30 pts</u>	F = Less than 60%
	400 pts total	

Only one late paper will be accepted. Please turn them in on MOODLE on Time!!!.

Moodle will be used as a means of communication and facilitating success in this course. Lecture material, supplemental material and homework not in the class packet may be posted here. As such, it is the student's responsibility to access the Moodle site and update your email address to receive any class emails.

Assignments and Exam material will be from sections of the textbook and lecture material covered in class. **MAKE-UP TESTS** will NOT be given after the scheduled date for an exam except for reasons beyond the student's control. If you are unable to take an exam at the scheduled time, and fail to make arrangements the exam points will be added to the final exam. Travel plans conflicting with scheduled assignment due dates or exam dates do not excuse you from missing critical course dates. **Do NOT ask me to “round-up” your grade, consider your “special circumstance(s)” (unless backed by LBCC policies), or offer you additional extra credit to boost your grade.**

If you are worried about your grade, **be proactive** and use available resource to help you achieve the grade you want.

Course Learning Outcomes:

- **Understand ways that cells communicate**
- **Understand how cells and the body respond to the environment**
- **Be able to explain the ways that we acquire and utilize nutrients**
- **Be able to explain the role of transport in molecules in the body**
- **Be able to relate structure and function relationships**

STUDENT BEHAVIOR: Although collaboration is important in learning, ultimately each student is responsible for demonstrating individual ability. Cheating on exams and copying homeworks will result in a zero for that activity and may result in further disciplinary action. **ACADEMIC INTEGRITY:**
ADMINISTRATIVE RULE NO: 7030-02 RELATED TO POLICY SERIES NO: 7030
The basis for determining behavior and expectations is outlined in the LBCC Student Handbook.

Center for Accessibility Resources You should meet with your instructor during the first week of class if:

- you have a documented disability and need accommodations,
- your instructor needs to know medical information about you, or
- you need special arrangements in the event of an emergency.

If you believe you may need accommodation services please contact Center for Accessibility Resources, 917-4789. Additional services, beyond classroom instruction and instructor consultations, are available to all students at the Learning Center.

Quizzes will be completed through MOODLE, online on Fridays of the quiz week. The final exam will be inperson during the Monday Lab time during finals week. No exams or quizzes are dropped and they do represent a significant portion of your class grade.

Please understand that the in-person lab experience may change. If I become ill or if the college changes policy regarding face-to-face offerings due to the pandemic, the lab and assessments may be changed to a remote format. I will communicate any such changes via email and with Moodle announcements. Check Moodle and your LBCC email regularly.

If you are ill, please do not attend lab on campus. If you are unable to attend lab due to illness, please contact me BEFORE YOUR LAB TIME. We will coordinate an alternative lab experience for you to complete before the Friday 5pm weekly deadline, you are still accountable for all assignments as late work is not accepted. I require advance notice so that I can create a comparable alternative lab experience. This opportunity will only be available at my discretion, and you may be asked to provide documentation to support your absence. A maximum of 2 labs will be offered remotely in the case of excused absence. If you miss a quiz or exam, we will coordinate a way for you to take it through Student Assessment, on campus with me at a scheduled time, or via a live zoom call with me (you will need access to a device with a camera and microphone in that case). You must complete 70% of labs to pass this class.

FACE COVERINGS ARE REQUIRED BY ALL STUDENTS AND LBCC EMPLOYEES AT ALL TIMES WHILE ON CAMPUS AND IN THE CLASSROOM. I cannot make individual exceptions for any reason. Face shields are not considered an acceptable face covering by the college. Masks will be available for students should they forget one. You are encouraged to wash your hands (or use hand sanitizer) prior to lab.

LECTURE

The lecture is a very important part of this course. Watching the posted lectures is essential for achieving a good grade. I encourage you to use your course schedule to identify the topics that we will focus on during the posted lecture and review the appropriate material in your e-textbook and Study Guide before watching the lecture.

BI 103	Spring 2022 TENTATIVE LECTURE TOPIC ♥	READ
Week 1 March 28	Introduction to Structure & Function Cells, Tissues and Membranes Anatomy, Homeostasis ## LBCC Closed, Friday April 1st	CH. 1 CH. 3
Week 2 April 4	Integumentary System-Getting Under You Skin Know Them Bones Quiz #1 Friday	CH. 4 CH. 5
Week 3 April 11	Skeletal System – Them Bones Them Bones Muscular System Bone Anatomy Quiz – IN LAB	CH. 5 CH. 6
Week 4 April 18	Muscular System Muscle Anatomy Quiz – IN LAB Endocrine System–Chemical Communication ## Abstract 1 Due Friday April 22 Quiz #2 Friday	CH. 6 CH. 9
Week 5 April 25	Blood - The River of Life	CH. 10
Week 6 May 2	The Heart and Circulation Quiz #3 Friday	CH. 11
Week 7 May 9	How the Immune System works Mechanisms of Disease– ## Abstract 2 Due Friday May 13th	CH. 12
Week 8 May 16	Respiratory System Quiz # 4 Friday	CH. 13
Week 9 May 23	Digestive system Nutrition & Metabolism	CH. 14
Week 10 May 30	Urinary System Reproductive System Quiz #5 Wednesday ## Abstract 3 Due Friday June 3	CH. 15 CH. 16

Final Exam In the Lab Room 1:00 to 2:50 Monday June 6th

♥ Calendar of class activities is tentative and subject to change.

It is your responsibility to keep informed of course content and schedule changes so attend regularly. If you miss a class get the material from a classmate as soon as you return.