

BI 112 - Cell Biology for Health Occupations

Instructor: Melissa Scherr

Office: WOH 210

Phone: 541-917-4685

Email: scherrm@linnbenton.edu

Course Format:

Online

****NOTE FOR SPRING 2020:** This class will begin one week late, on April 6th, and will be a 9-week course. This class is remote learning only, with required lectures and activities provided via Moodle. All students must regularly check their LBCC e-mail, and login regularly to Moodle for assignments and due dates.

Office Hours: MWF 11:30-12:30 PM

Please contact me via email to make a special appointment outside of these office hours (48 hours advance). In the first few weeks of classes, I will be available via phone, zoom or skype to meet with students.

Welcome

Cell Biology for Health Occupations introduces the Health Occupations student to the generalized human cell, including its structure, function, basic genetics and reproduction. The chemical and physical processes that affect the cell and its components will be examined throughout the course. This course covers the basic principles and vocabulary to prepare students for the study of human organ systems that occurs in Human Anatomy and Physiology BI 231, BI 232, and BI 233.

Student Learning Outcomes

Upon successful completion of this course the student will be able to:

1. Distinguish between the groups of biomolecules,
2. Be able to describe selected key cell processes
3. Be able to describe the patterns of inheritance
4. Express how changes in the genome can affect the phenotype or traits within a population
5. Relate the chemical basis of cell function to life processes; and
6. Describe homeostasis, and the importance and function of homeostatic mechanisms in the body.

Required Materials:

1. **Student Study Packet:** Ketchum, Lebsack, Lebsack and Skarda, BI 112 Cell Biology for Health Occupations

Assessments:

Bi-Weekly Exams	200 pts
Activities	100 pts
<u>Final Exam</u>	<u>100 pts</u>
Total	400 pts

Grading Scheme:

90-100%	A
80-89.0%	B
70-79.9%	C
60-69.9%	D
59.9% and below	F

I. General Policies

I. Attendance Policy: Students are expected to view all lectures provided on Moodle. No grade will be assigned for attendance. Due to the high need for this class for all majors level students, there is always a long waiting list for enrollment. **If an enrolled student misses the first week activities, they will be dropped from the course.**

No assignments, reviews, exams or assignments will be accepted late.

Exams will consist entirely of multiple choice questions. Some questions will test your memory of structures and functions while others will require an application of your knowledge to unique situations and problems.

II. Learning Platform

To access the Moodle component, go to the Linn-Benton website at: <http://www.linnbenton.edu/>,
Select **Quicklinks**

- > Scroll down and select (Moodle) – right hand side of screen.
- > Create Account (if necessary). See yellow hi-lighted area in middle of the page.
- > Login with UserName and Password
- > On the left hand panel: Click on the respective course under “My Courses”
- > You may need to expand the folder by clicking on the “+” symbol.
- > Click on BI112- Cell Biology for Health Occupations

On Moodle:

- Syllabus
- Course Schedule/Reading Schedule
- Additional Resources and Assignments
- Weekly Reviews
- Lecture Slides/Outlines
- Course Grades

III. Make-Ups

Make up exams: There will be no make-up exams unless I am informed **in writing** prior to the exam that you will need to miss, and only for documentable reasons. This does not include event tickets, vacations, or other non-university sanctioned events. You need to talk with me directly for approval to make up an exam. Exams may not be taken early. Approved late takes must be made up before the next lecture class.

IV. Special Accommodations

Students who need accommodations due to documented disabilities, have medical information which the instructor should know about, or who need special arrangements in an emergency should speak with the instructor during the first week of class. If you have not accessed services and think you may need them, please contact the [Center for Accessibility Resources](#), 917-4789 or visit RCH 105. If you have already documented your disability, remember that you must complete a [Request for Accommodations](#) form every term in order to receive accommodations. It is the student's responsibility to make any needs known to me within the first week of the semester, *in writing*, so that I can give appropriate accommodation. This includes but is not limited to disabilities of visual, hearing, learning, dates needed for religious holidays, court dates etc.

Va. Academic Misconduct: This includes any form of cheating and will not be tolerated. Students are encouraged to read the college catalog or Student Handbook for further details. If a student is found to have cheated on an exam, after due process the resulting grade will be a zero on the exam or quiz. All group work should still be written in the student's own handwriting and language.

Repeat violations of this policy will be referred to the Dean of Science, Engineering and Math Division. Violations of academic honesty will be met with severe measures that may include failing the course or expulsion from the college.

Vb. Plagiarism: Plagiarism is the taking of ideas that are not your own and attempting to submit them as your own this is also considered academic misconduct. Using someone else's work as your own, including your classmates work, can lead to serious consequences. Plagiarism is subject to disciplinary action and when appropriate will affect your grade. If you use a published source to quote or even paraphrase a reference it is critical to cite your sources, when in doubt ask your instructor specifics about this policy – do not assume that “not knowing” will excuse you from this college-wide policy.

Vc. Professionalism: All students in this class will treat each other and faculty with professionalism. Distracting and disrespectful behavior will not be tolerated.

VI. Personal Computers (Notebook/Laptop/PDA)

Tablet, Laptop or PDA for class notes and in labs may be used for class or lab activities.

VII. Withdrawing from Classes (Dropping a Class After the Refund Deadline)

To drop a class or withdraw from school, you must turn in a Schedule Change form at the Registration Counter or at a community center or use the SIS system. If you withdraw from a course after the refund deadline, you will receive a "W" grade in the class, and you will forfeit all claims to refunds, and be financially responsible for any tuition and fees. Failure to drop a class may impact your grade point average and financial aid eligibility. Note: For classes meeting eight or more weeks, the deadline to withdraw from the class is 5 p.m. on Friday of the seventh week of the term.

IX. Incomplete Policy

An incomplete (IN) will only be issued when a student is unable to complete the last exam by the end of the term due to extenuating circumstances. Each incomplete grade will be accompanied by a signed contract specifying the conditions necessary to complete the course. A minimum of 70% of the course work must be accomplished (excluding the final exam) before consideration of an incomplete is granted.

Failure from lack of attendance or missing numerous labs is not grounds for an incomplete.

The "Incomplete" contract will be signed by the student and the instructor and placed on file in the Division office.

X. Assessments

Exams: Are designed to monitor your mastery of the material that you have learned. There will be three exams in this course, each covering roughly one third of the course. The exam format will be multiple choice, short essay, diagramming, analyzing information, and matching. It may take up to one week to grade an exam. All students will receive their test back on the same day. I do not turn back exams early during office hours to individuals.

Early Take Exams: Under no circumstances are midterm or final exams administered early, please plan accordingly.

Late Work: Will NOT be accepted without supporting documentation to show your inability to meet deadlines e.g. a doctor's note or hospital admission form.

XI. College Wide Policies

Comprehensive nondiscrimination policy: LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation,

marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws (for further information <http://po.linnbenton.edu/BPsandARs/>). Policy 1015.

Inclement Weather Policy: If campus is open class will be given (including lab days) and scheduled exams/quizzes will be administered. Please listen to local media coverage for notice of closures such as T.V., radio stations, & the [LBCC website](#).

Basic Needs Policy

Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Roadrunner Resource Center for support (resources@linnbenton.edu , or visit us on the web www.linnbenton.edu/RRC under Student Support for Current Students). Our office can help students get connected to resources to help. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources that they may possess.

CRISIS? Don't hesitate to reach out to me. For anything. Anytime.