



The mission of Concord University is to provide quality, liberal arts based education, to foster scholarly and creative activities and to serve the regional community (<http://www.concord.edu/academics/>).

Instructor: Dr. Kelli Mann

Title: Adjunct Faculty of Biology Division of Science, Mathematics & Health

Office Location: Concord University Adjunct Faculty Office/ HEC

Office Hours: Wednesdays 1:00- 2:00pm

Email Address: kjmann@concord.edu

Primary Division/Department: Division of Science, Mathematics & Health.

Course Title: BIOL 336 & BIOL 336L

Course CRN: 20033 & 20034 / **Sec** 1CH / **Credit Hours:** 4.000

Semester: Spring 2019

Room Numbers: Lecture E36 Beckley HEC

Laboratory E15 Beckley HEC

Course Time: Lecture: Monday 2:00-4:00pm

Laboratory: Wednesday 2:00-4:30pm

Prerequisites: Completion of BIOL 101 & 102 with a C or better is a requirement and BIOL 335 & 335L with a C or better.

Course Management System: Moodle

Hardware/Software: None required, however a laptop for lecture is strongly encouraged.

Text Requirements: Required:

E. Marieb. Human Anatomy & Physiology 10th Ed. Pearson

ISBN: 13:9780321927040

Suggested:

S. Jones Pocket Anatomy & Physiology. 2nd E.F.A. Davis Company.

ISBN: 13:9780803532813

Course Description: The purpose of Anatomy & Physiology is for one to gain a better understanding of the skeletal, muscular, integumentary, sensory and endocrine systems. This course begins at the cellular and tissue levels, touching on the chemistry of the body and expands on the body's makeup. This introductory course sets a framework to build on organs and organ systems in subsequent courses.

Concord University Educational Goals: While Human Anatomy and Physiology are often studied together, the two are separate entities. Anatomy is the study of the structure, while physiology is the study of how the structure functions. By combining the two students will learn how the body works as a whole. This course is very detailed and students must possess a positive attitude and willingness to learn.

Learning Outcomes: By the end of this course you will be able to:

1. Understand regulation of the body through blood.
2. Name and describe all organ functions and how they work together as an organ system.
3. Describe how the body systems work together and maintain homeostasis throughout the body.
4. Gain a thorough understanding of nutrition, metabolism and energy utilization of the body.
5. Understand reproduction, pregnancy and the genetic basis for the continuation of life.

Course Requirements: BIOL 101 & 102 with a C or better and BIOL 335 & 335L with a C or better.

Grading Policy and Scale, Make-up Policy, Late Work: Your grade will consist of the following examinations and assignments:

Lecture: 5 Exams

1 Presentation

Laboratory: 10 Laboratory reports/ assignments

3 Laboratory Practical Examinations

Lecture Examinations: All lecture examinations will comprise of multiple choice and True/False questions.

Laboratory Practical Examinations: There will be 3 practical exams that will consist of recognition and identification of structures. No word bank will be given.

Laboratory Assignments and Reports: There will be 10 assignments or reports. Each assignment/report will be due at the beginning of laboratory the following week.

Presentations: The presentation will be an informative power point presentation in groups of two or three. Presentations maybe given after alone per request of the student and okayed by instructor. Presentations must be on any disease, syndrome or injury within the scope of study for this course. Students must properly site at least three respectable sources. Presentations must be a minimum of 5 minutes in length.

Extra Credit: Pop quizzes will be given at random. There will be no makeup quizzes.

Makeup Examinations: Any and all lecture and laboratory examinations must be made up on the designated date, May 1, 2019. There will be no other allowed time to make up missed lecture and lab examinations.

Course Grade Breakdown:

Lecture Examinations- 100 points each

Presentation- 100 points

Laboratory Reports/Assignments- 10 points each

Laboratory Practical Examinations- 100 points each

Course Timeline (Schedule of Assignments/Assessments/Presentations)

Lecture and Laboratory:

January 14 - Class introduction, review syllabus

January 16 - Review syllabus and laboratory report protocol/ Endocrinology Lab/1 and Lecture on Chapter 17- Blood

January 21- MLK Holiday- No class

January 23- Chapter 18- Cardiovascular System Lab/2- Heart and Blood Vessels

January 28- Chapter 19- The Cardiovascular System: Blood Vessels

January 30- Cardiovascular Lab/3 – Auscultation, Pulse and Blood Pressure

February 4- Exam 1- Chapter 17, 18 and 19

February 6- Practical Exam 1- Labs – 1, 2 and 3

February 11- Chapter 20- The Lymphatic System and Lymphoid Organs & Tissues

February 13- Respiratory Lab/4- Structure and Function

February 18- Chapter 22- Respiratory System

February 20- Respiratory Lab- Breath Sounds, Auscultation & Spirometer Lab/5

February 25- Exam 2- Chapters 20 & 22

February 27- Digestive Lab- Structure and Function/6

March 4- Chapter 23- Digestive System

March 6- Practical Exam 2- Labs 4, 5 and 6

March 11- Spring Break- No Class

March 13- Spring Break- No Class

March 18- Chapter 24- Nutrition, Metabolism and Energy Balance

March 20- Urinary and Kidney Lab/7

March 25- Exam 3- Chapters 23 & 24

March 27- Urinalysis Lab/8

April 1- Chapter 25- The Urinary System

April 3- Reproductive Organ Lab/9

April 8- Chapter 26- Fluid and Electrolyte Balance

April 10- Practical Exam 3- Labs 7, 8 and 9

April 15- Chapter 27- Reproductive Lab

April 17- Fetal Pig Dissection Lab/10

April 22- Exam 4- Chapters 25, 26 & 27

April 24- Fetal Pig Dissection Lab

April 29- Class Presentations

May 1- Makeup Lecture and Lab Exams

May 6- Exam 5- Comprehensive Final Examination

Accessibility/Accommodations:

Concord University is committed to responding to the needs of students with disabilities as defined by the Americans with Disabilities Act. Please inform your instructor at the beginning of the class semester if you have a disability and are requesting accommodations. It is your responsibility to self-disclose that you are requesting accommodations. The University and instructor will provide you with a reasonable accommodation. You should register with CU's Disability Services Office, located in the Athens campus Jerry and Jean Beasley Student Center, Bottom Floor, across from the Campus Post Office. The Disability Services Office phone is 304-384-6086 or you can email the Director, Nancy Ellison, at nellison@concord.edu for assistance.

Academic Dishonesty

Academic dishonesty is morally unacceptable as well as destructive to the learning and teaching atmosphere. Academic dishonesty includes the giving or receiving of improper help on examinations or assignments, falsifying documents, and plagiarism (the act of stealing and using, as one's own, the ideas or the expression of the ideas of another). Such dishonesty can lead to a variety of penalties — including but not limited to failure of assignment, failure of course, loss of institutional privileges, or dismissal from the University. (See University Catalog Academic Policies and Procedures.)

Concord University Honor Code

A Concord University Honor Code was approved by students, staff, faculty, administration, and the CU Board of Governors. The Code states:

"As a member of the Concord University Community I will act with honesty and integrity in accordance with our fundamental principles and I will respect myself and others while challenging them to do the same."

The Honor Code is intended to unite the Concord community behind a culture of honesty, integrity, and civility.

Class/Online Attendance Policy

Regular class attendance is part of a student's academic obligation at Concord. Irregular attendance may affect academic performance adversely and is detrimental to the atmosphere of a class. (See University Catalog Academic Policies and Procedures.)

Emergency Alert System

In an effort to increase safety and security on our campus, Concord University encourages everyone to register for instant text message alerts. Alerts will only be used for security and safety notices. All students, faculty, and staff are eligible to receive text message alerts on their cell phones or email alerts. Please contact the IT Help Desk for further assistance (304-384-5291).

Emergency Information

Emergency/courtesy telephones are located at the main entrance of each residence hall and at various other locations on campus. Emergency telephones can be identified by the flashing blue light and will provide the user with a direct link to Public Safety at the press of a button. To report an on-campus emergency, call 304-384-5357 or 911. The Office of Public Safety is located on the bottom floor of the Rahall Technology Center. For further emergency information go to: <http://www.concord.edu/administration/office-public-safety>.

Inclement Weather Policy

As a general policy, the University will remain in normal operations during adverse weather conditions. In the event of severe weather conditions, the following may occur:

University Closure

No students or employees are to report.

Classes Cancelled

Students do NOT report BUT employees are expected to report to work at their normal time.

Operating on an Inclement Weather Delay

Under this schedule, all 8 a.m. classes will start at 10 a.m. Students and faculty will follow the Inclement Weather Schedule. (See <http://www.concord.edu/emergency-alerts> for Athens/Beckley Inclement Weather Schedules.)

**Announcements invoking the late schedule or other options referenced above are aired on area radio and television stations and are sent as text and email messages to those enrolled for this service.*

Student Conduct

In classrooms, online, laboratories, and during any activities that are part of course requirements, students are expected to observe reasonable rules of conduct.

Sexual Harassment & Assault

Federal law, Title IX, and Concord University policy prohibits discrimination, harassment, and violence based on sex and gender (Including sexual harassment, sexual assault, domestic/dating violence, stalking, sexual exploitation, and retaliation). If you or someone you know has been harassed or assaulted, you can receive confidential counseling support through the Concord University Counseling Center (304-384-5290). Alleged Violations can be reported non-confidentially to the Concord University Title IX Coordinator at 304-384-6327 or titleix@concord.edu. Reports to Campus Security can be made at (304-384-5357). As an employee at Concord University, I am a mandatory reporter which means I must report any sexual misconduct I am made aware of. This includes verbal or written (such as in an assignment) disclosures of sexual harassment or sexual assault.

Technology Services

Contact the CU Help Desk at extension 5291 from campus or 304-384-5291 off campus. You may also e-mail cuhelpdesk@concord.edu

Syllabus Disclaimer

"This syllabus is subject to change based on the needs of the class. Please check it regularly."