



BIOL 2402 Anatomy and Physiology II Online

Course Syllabus: Spring 2020

"Northeast Texas Community College exists to provide responsible, exemplary learning opportunities."

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
	11 – 12:30 1:30 – 4:30	9 - 11	11 – 12:30	9 - 11		

The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

Catalog Course Description (include prerequisites):

Anatomy & Physiology II is intended for students entering a field of study in allied health sciences, social work, physical therapy, physical education or any student who needs a basic understanding of the structure and function of the human body. This course is the second semester of a two semester sequence and includes a study of the cardiovascular, immune, digestive, excretory, respiratory, endocrine and reproductive systems. Three hours of lecture and three hours of lab each week. Prerequisite: BIOL 2401 (Anatomy and Physiology I).

Animal dissection is a required element of the laboratory component.

Inclusive Access: We have negotiated with the Publisher to obtain a discounted price for your lecture course materials. Your ebook and Connect Access Code are included with your tuition and will be available through Blackboard on the first class day (use the link found on the Bb course homepage). The materials are required for your class and essential in your success. If you also determine that you would like a print copy of your text in addition to your inclusive access loose-leaf copies will be available in the College Store at a discounted price. You may opt out of purchasing your materials from the College Store through the Census Date for the course. If you choose to opt out you will be responsible for purchasing your Connect Access Code from another vendor. You will receive a refund for the Inclusive Access if you opt out.

Required Textbook:

Hole's Human Anatomy & Physiology Digital Text with Connect 2 Semester Access Shier

McGraw Hill ISBN 978-1-260-16523-4 Copyright 16 Edition 15.

Required Lab Kit:

A & P 2 Lab Kit #581877 Voucher Carolina Edition 1

The lab kit redemption card can be purchased directly from NTCC's College Store. Please see the College Store

Website for information on obtaining your lab kit: <http://www.ntccbookstore.com/>

If you purchased the combined A&P I and A&P II lab kit from the bookstore you do not need to purchase this kit.

When you receive your lab kit it is your responsibility to ensure that all materials are present in the kit. If anything is missing, Carolina Biological needs to be contacted by you and they will send you the materials you are missing. Do not wait until you are getting ready to do the labs to check for your materials or you will not have time to get them from the company and you will miss points on the part of the lab that you don't have materials to do.

Recommended Reading(s): Chapters 13 - 24 in the textbook

Student Learning Outcomes:

1. Explain the nature of the endocrine system.
2. Describe the characteristics and functions of blood.
3. Discuss the major structures and functions of the organs of the cardiovascular system.
4. Describe the major structures and general functions of the lymphatic system and immunity.
5. Name the major organs of the digestive system and describe the general functions.
6. Name the major organs of the respiratory system and describe the general functions.
7. Discuss the major structures and functions of the urinary system including water and electrolyte balance.
8. Describe the major structures and functions of the male and female reproductive systems.
9. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system and the interdependency of the systems.
10. Explain contributions of organ systems to the maintenance of homeostasis and the causes of effects of homeostatic imbalances.
11. Communicate results of scientific investigations, analyze data and formulate conclusions using critical thinking and scientific problem-solving skills.

Evaluation/Grading Policy:

Lecture Average 75% of final course grade

Homework/Quizzes 10%

Unit Exams 15%

Midterm 25%

Final 25%

Lab Average 25% of final course grade

Lab Reports 5%

Lab Practicals 20%

Assignments:

Homework, quizzes, and Learn Smart are assigned using McGraw-Hill Connect. Each assignment will be due at a specific time in the semester related to the lecture schedule. See the course calendar for details. The unit exams will utilize Respondus Lockdown Browser and will be timed. The unit exams will be open during specified days at the end of each unit. Look for announcements and pay attention to the printable calendar that is provided.

Exams:

The mid-term and final exams are proctored exams which you must take in person at a college testing center or public library with a proctoring service. Failure to take the mid-term and/or final exams will result in a grade of “F” for the course. If you reside in the NTCC service area, you must take the midterm and final on campus at the NTCC testing center on the main campus. The testing center is located on the main campus of NTCC in the Student Services Building. The hours of the testing center are: Monday—Thursday 8:00 a.m. to 7:00 p.m. (note that the test must be started before 6 p.m.) and Friday 8:00 a.m. to 12:00 p.m. If you do not reside in the NTCC service area, you will be asked to contact the instructor the first two weeks of the semester and identify a college testing center (preferred) or public library with an exam proctoring service where you can be proctored while taking these exams. Please be aware that other college testing centers or libraries may charge a fee for you to use their facilities. You will need to provide the physical address, email address and phone number for the proposed proctoring location. The instructor will contact the center to verify the appropriateness of the location for approval. BioSig will provide your instructor with an independent report identifying the IP address of the computer and the internet provider of your proctored test. Proctored exams must be taken using the testing center’s network. Mobile hot spots are not acceptable when taking the mid- term and final exams.

Student Responsibilities/Expectations:

This is an online course in Anatomy and Physiology. Study materials and assignments will be delivered through the Blackboard Learning Management System at NTCC. Students should ensure that they have the appropriate hardware, software, and technical skills for completing all assignments, quizzes, and tests.

Northeast Texas Community College is a “community of scholars.” Please remember that you and all of the students in this class are pursuing very important goals in your lives. All colleges and universities must remain diligent in their pursuit of assuring the academic integrity of their courses to maintain their accreditation status with Southern Association of Colleges and Schools and the Texas Higher Education Coordinating Board. The academic integrity of NTCC’s online courses is maintained with the documented use of BioSig and proctored mid-term and final examinations.

Your success can be maximized and your potential achieved by making the commitment to meet these online expectations:

Schedule and plan to complete all lecture and laboratory assignments and submit them when they are due. Be sure to print off the calendar to help you keep up with assignment due dates.

Be sure to do all of your own work. Collusion and plagiarism are acts of academic dishonesty. Work that is copied and pasted directly from any website is not acceptable in any form on any assignment, lab or test. See the Student Handbook, p. 90 for definitions of collusion, plagiarism, and cheating. Infractions can result in severe grading penalties or failure.

The last day to drop the course with a grade of W is **Thursday, April 9**. If circumstances require you to withdraw from this course, you must do so by that date. It is the **student's responsibility** to initiate the withdrawal with the registrar's office. **Failure to officially withdraw will result in your receiving a grade of F.**

NTCC Academic Honesty Statement:

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

Academic Ethics

The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. Refer to the student handbook for more information on this subject.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to request accommodations. An appointment can be made with Shannin Garrett, Academic Advisor/Coordinator of Special Populations located in the College Connection. She can be reached at 903-434-8218. For more information and to obtain a copy of the Request for Accommodations, please refer to the [NTCC website - Special Populations](#).

Family Educational Rights and Privacy Act (FERPA):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.