Anatomy and Physiology II Face to Face

Course Syllabus: Summer 2025

"Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed."

Instructor:

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This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Course Description: Anatomy & Physiology II is a 4 hour course 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. Animal dissection is an integral part of this course. Three hours of lecture and three hours of lab each week.

Prerequisite(s): BIOL 2401 (Anatomy and Physiology I).

College Student Learning Outcomes:

1. Critical Thinking Skills
   CT.1 Students will demonstrate the ability to 1) analyze complex issues, 2) synthesize information, and 3) evaluate the logic, validity, and relevance of data.
2. Communication Skills
   CS.1 Students will effectively develop, interpret and express ideas through written communication.
3. Empirical and Quantitative Skills
   EQS.1 Students will manipulate numerical data or observable facts by organizing and converting relevant information into mathematical or empirical form.
   EQS.2 Students will analyze numerical data or observable facts by processing information with correct calculations, explicit notations, and appropriate technology.
4. Team Work
   TW2. Students will work with others to support and accomplish a shared goal.

Student Learning Outcomes:

1. Use anatomical terminology to identify and describe locations of major organs of each system covered.
2. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.
3. Describe the interdependency and interactions of the systems.

4. Explain contributions of organs and systems to the maintenance of homeostasis.
5. Identify causes and effects of homeostatic imbalances.
6. Describe modern technology and tools used to study anatomy and physiology.
7. Apply appropriate safety and ethical standards.
8. Locate and identify anatomical structures.
9. Appropriately utilize laboratory equipment, such as microscopes, dissection tools, general lab ware, physiology data acquisition systems, and virtual simulations.
10. Work collaboratively to perform experiments.
11. Demonstrate the steps involved in the scientific method.
12. Communicate results of scientific investigations, analyze data and formulate conclusions.
13. Use critical thinking and scientific problem-solving skills, including, but not limited to, inferring, integrating, synthesizing, and summarizing, to make decisions, recommendations and predictions.

Evaluation/Grading Policy:

Lecture Average 75% of final course grade

4 Unit Exams	**40% of the lecture grade**
1 comprehensive final Exam	**20% of the lecture grade**
Learn Smart &Homework	**14% of the lecture grade.**
Attendance	**1% of the lecture grade.**

Lab Average 25% of final course grade

Lab Reports	**5%**
4 Lab Practicals	**20%**

Lab Practical Exams will be Fill in the blank.

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.

Attendance Policy:

***** Regular and punctual attendance is expected to receive a final grade.
Attendance will be taken.
Attendance in lab is required in order to get a grade for the lab we are completing.

<u>Required Textbook</u>:

Inclusive Access for Lecture Material:

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 day of class (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.

Lecture Material: Hole's Human anatomy & Physiology. Autor: Charles J. Welsh &Cynthia Prentice-Craver. ISBN 9781260265224. 2024 Release.
Lab Book: Laboratory Manual for Human Anatomy & Physiology, 5th Edition, Terry Martin, McGraw-Hill Publishers ISBN 9781260265200
Lab Manuals cannot be rented from a third party. Each student must have a lab manual that can be written in and submitted for grading. No photocopies are allowed according to copy right laws.

Optional Instructional Materials: * Scantrons will be necessary for your Exams.

Minimum Technology Requirements: Either a mac or a pc computer with high speed internet access.

Required Computer Literacy Skills: Ability to utilize blackboard to access course content. Ability to use Microsoft word and upload assignments.

Course Structure and Overview:
Recommended Reading(s): Chapters 13 - 24 in the textbook

Communications:
Please utilize my email or Teams for communication purposes. I will get back to you within 24 hours of your email. I do not typically return emails between the hours of 9 pm – 6 am.

Student Responsibilities/Expectations:

- **Please turn cell phones OFF DURING CLASS so you can devote your time to your studies.**
- Failure to abide by this classroom policy may result in your dismissal from class and will be reflected in your course grade.
- Students may be asked to turn in cell phones when an exam is given and/also when it is reviewed.

Communications:
Please utilize my email or Teams for communication purposes. I will get back to you within 24 hours of your email. I do not typically return emails between the hours of 9 pm – 6 am.

Institutional/Course Policy:

Failure to take the proctored an exam or proctored final exam will result in a grade of "F" for the course. The last day to drop with a "W" is Thursday, August 7. 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.

Statement Regarding the Use of Artificial Intelligence (AI) Technology:

Absent a clear statement from a course instructor, use of or consultation with generative AI shall be treated analogously to assistance from another person (collusion). Generative AI is a subset of AI that utilizes machine learning models to create new, original content, such as images, text, or music, based on patterns and structures learned from existing data (Cornell, Center for Teaching Innovation). Unauthorized use of generative AI tools to complete an assignment or exam is not permitted. Students should acknowledge the use of generative AI and default to disclosing such assistance when in

doubt. Individual course instructors may set their own policies regulating the use of generative AI tools in their courses, including allowing or disallowing some or all uses of such tools. Students who are unsure of policies regarding generative AI tools are encouraged to ask their instructors for clarification. **(Adapted from the Stanford University Office of Community Standards-- accessed August 31, 2023)**

NTCC Academic Honesty/Ethics Statement:

NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, utilization of AI for coursework, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information on these subjects.

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.

Eagle Assist: At Northeast Texas Community College, we understand that students often need support that extends beyond the classroom. "Eagle Assist" is the place to start when looking for that type of assistance. Our support system is here to help you succeed in both your academic and personal growth.

Services provided:

- Mental Health Counseling (visit www.thevirtualcaregroup.com/ntcc to activate your account)
- Classroom Accommodations

- NTCC Care Center Food Pantry
- NTCC Care Center Hygiene Closet
- NTCC Care Center Cook Nook
- Financial Literacy
- Child Care Assistance
- Emergency Aid

Send us a message at eagleassist@ntcc.edu

Tentative Course Timeline (*note* instructor reserves the right to make adjustments to this timeline at any point in the term):

Day 1- Chapter 13
Day 2- Chapter 13
Day 3- Chapter 17
Day 4- Chapter 18
Day 5- **Test 1 (Chps. 13, 17, 18)**
Day 6- Chapter 14
Day 7- Chapter 15
Day 8- Chapter 16
Day 9 – **Test 2 (Chps. 14-16)**
Day 10 – Chapter 19
Day 11 – Chapter 20
Day 12 – Chapter 21
Day 13 – **Test 3 (Chp. 19-21)**
Day 14 – Chapter 22
Day 15 – Chapter 23
Day 16 – Chapter 24
Day 17 - **Test 4 (Chps. 22-24)**
Day 18 - review
Day 19 – Final Exam