



BIOL 2401.051DC Anatomy and Physiology I

Course Syllabus: Fall 2019

"To provide personal, dynamic learning experiences empowering student to succeed."

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
	10:20 -11:30	10:20 -11:30	10:20 -11:30	10:20 -11:30	10:20 -11:30	Email anytime

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: Anatomy & Physiology I is intended for students entering a field of study in health sciences, physical therapy, kinesiology or any student who needs a basic understanding of the structure and function of the human body. This course is the first semester of a two semester sequence and includes a study of basic cell biology, histology, the integument, skeletal, muscular and nervous systems. Animal dissection is a required element of the laboratory component in both face-to-face and online courses. Successful completion of BIOL 2401 with a C or better allows the student to continue on to BIOL 2402. Three hours of lecture and three hours of lab each week. Prerequisites: None.

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(s):

Biol 2401 Access Code Shier's A&P McGraw Connect Inclusive, Publisher McGraw
Digital Content

- Optional: Print Upgrade: Hole's Human Anatomy & Physiology Shier Copyright 19
Publisher McGraw Edition 15 Binding Looseleaf

Required Lab Kit:

A&P I Carolina Distance Learning Lab Kit # 581875

Winnsboro High School will be ordering your kit as soon as possible prior to the start of the semester so you will be prepared to begin the lab activities on time. You will be working with a partner in lab so there will be 1 kit per two students. See additional information under Evaluation/Grading Policy. Don't hesitate to communicate with me about this.

Recommended Reading(s): Chapters 1 through 12 in the textbook

Student Learning Outcomes:

1. Define anatomy and physiology, explain the importance of the relationship between structure and function and be able to describe directional terms and anatomical positions.
2. Explain the nature of a human cell.
3. Describe the general make-up of a tissue and be able to recognize the primary tissue types and examples of each type.
4. Describe the general structure and function of the integumentary system.
5. Describe the general structure and function of the skeletal system inclusive of joints.
6. Summarize the major characteristics and functions of skeletal, smooth and cardiac muscle. Be able to identify the major superficial muscles of the human body.
7. Describe the general structure and function of the nervous system including special senses.
8. Communicate results of scientific investigations, analyze data and formulate conclusions using critical thinking and scientific problem-solving skills.

These represent the major learning outcomes for this course. You will see them referenced for all learning activities and assignments in Blackboard.

Lectures & Discussions for A&P:

Week 1-	Chapter 1
Week 2-	Chapter 2
Week 3-	Chapter 3
Week 4-	Test 1 (Chps. 1-3)
Week 5-	Chapter 4
Week 6-	Chapter 5
Week 7-	Chapter 6
Week 8-	Test 2 (Chps. 4-6)
Week 9-	Chapter 7
Week 10-	Chapter 8
Week 11-	Chapter 9
Week 12-	Test 3 (Chps. 7-9)
Week 13-	Chapter 10
Week 14-	Chapter 11
Week 15-	Chapter 12 Test 4 (Chps. 10-12)
FINAL WEEK-	FINAL EXAM (Chps. 1-12)

Evaluation/Grading Policy:

Lecture Average 75% of final course grade

Lab Average 25% of final course grade

The “lecture” component of this course will consist of online homework/quizzes through McGraw-Hill Connect and examinations with the following weight in calculating final lecture average:

15% Connect Online Assignments and in class assignments

- LearnSmart assignments are beneficial to your understanding of the material.
- **These are not figured into your course grade**; however, students have said that doing the LearnSmart exercises improved their grades.
- This guided reading helps identify areas that you are having trouble understanding.
- These should take an average of 35-50 minutes.
- Homework assignments are required and figured into the course grade. These will be from both the online content and in class assignments.
 - There is no time limit so it is advisable to start early and work on this all during the week.
 - Use of the eBook and hints are available with no deductions.
 - Feedback will be shown after submitting each attempt. After the first attempt, you will see what questions you got correct or incorrect. After the 2nd attempt, a more detailed feedback is given.
 - Printing is allowed of the online assignments
 - Study attempts: After the due date, these homework assignments will be available for practice without changing your grade.

Online and in class Quizzes are required and figured into the course grade.

- Online quizzes are usually 20 – 25 questions are pulled from a pool of questions. You may see new questions each time.
- In class quizzes will be anywhere from 10 to 20 questions.
- In class Quizzes will not have a time limit.
- Online quizzes will have a time limit.
- Quizzes will be from both the online content and in class material
- Study attempts: After the due date, online quizzes will be available for practice without changing your grade.
- These are good to do multiple times after the due date to help review for the exams since you may see new questions each time.

What are **Study Attempts**? Study attempts allow students to retake and review the material, as well as get feedback, as many times as desired without the attempt affecting the grade. These are not available until after the due date. This is especially beneficial for quizzes because in many cases, a set number of questions are pulled from a larger pool of questions. New questions may be displayed each time the study attempt is taken. However, this option prevents the ability to give an extension if the due date is missed.

Online Quizzes and Homework are set to automatically submit by 11:59pm on due date, and will be graded accordingly. If there are extenuating circumstances that cause you to miss an assignment or quiz please see me about making said assignment up.

For both Connect Homework and Connect Quizzes, **don't wait until the last day or two to complete the assignment.** The two lowest assignment grades are dropped. The grade is continuously recalculated every time a grade is entered so that the grade you are seeing is current.

40% Tests 1-4

20% Final Exam

The "Lab" component of this course will consist of Hands-on laboratory activities through Carolina Biologicals Lab Kit for A&P I, as well as two lab practicals:

10% Lab Carolina Biologicals Hands-on Labs.

- Winnsboro ISD will be providing the lab kits for this course. You will be assigned a lab partner to work with during the semester. Working in partnership with another student means that both learners should contribute to the laboratory atmosphere in learning from each other and yet, complete each lab report in your own words (**do not simply copy** from one another). Collaboration between student learners on the lab exercises can be beneficial if you work with each other to enhance the learning experience. Each partner must be present during the completion of the lab activities and participate fully in the work. Each student must complete their own lab reports.
- Lab Reports are graded based on documented evidence of completion of the lab exercise, as witnessed by the instructor, and successful answering of questions presented. Short answer questions are expected to be answered in complete sentences in **your own words**.
- All assignments including lab reports need to be submitted on the due date by the time specified. A zero will be given for any lab assignment that is received late unless there are discussed extenuating circumstances
- One lab assignment grade will be dropped. The grade is continuously recalculated every time a grade is entered so that the grade you are seeing is the grade with the lowest grades dropped.

15% Lab practicals

- Two lab practicals (7.5 % each) will be given during the semester. See the schedule for the dates that the Lab practicals will be available to take. As a rule, these will consist of 50 questions (multiple choice and fill in the blank, and identify structure)

- Lab practical #1 will cover lab material from Chapters 1 -6: Fetal Pig dissection, anatomical terminology, cell structure and function, tissues and integument.
- Lab practical #2 will cover lab material from Chapters 7 -12: Skeletal System, Articulations ,Muscular System ,Nervous System, general and special senses.

Other Course Requirements:

This is Dual Credit course in Anatomy and Physiology. Lecture and laboratory will be face to face, and assignments will be delivered through the Blackboard Learning Management System at NTCC, as well as in class assignments. Students should ensure that they have the appropriate hardware, software, and technical skills for completing all assignments. All exams will be given in class not on blackboard. Be sure to read the contents of the “START HERE” folder in Blackboard so that you fully understand all additional course requirements. If you have not taken a course in Blackboard at NTCC before, it is recommended that you review the basic Blackboard Skills of submitting assignments. These tutorials can be found on the Student Resources tab under Blackboard Assistance as well as in the **Important technical requirements, information and support** folder found in “START HERE”. Contact me with any questions you may have.

Student Responsibilities/Expectations:

Northeast Texas Community College is a “community of scholars.” Please remember that you and all students in this class are pursuing very important goals in your lives. As scholars, I expect every student to be courteous to other students, in both lecture and laboratory experiences. It is expected that you will adhere to all college and school district policies on academic honesty.

The last day to drop with a “W” is **Tuesday, November 19, 2019**. It is a student’s responsibility to withdraw by that date if they are not able to complete the course.

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 arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

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.