BIOL 2401.061
Anatomy and Physiology I

Course Syllabus: Fall 2017

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

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Online
						Through Bb or Email

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 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 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. Successful completion (final grade of C or better) of BIOL 2401 will allow the student to continue on to BIOL 2402.

Required Textbook(s):

Hole's Human Anatomy & Physiology Digital Text with Connect 2 Semester Access Shier McGraw Hill ISBN 9781259295676 Copyright 16 Edition 14.

-OR-

McGraw Hill ISBN 9781259384998 Copyright 16 Edition 14 This is the Loose-leaf (paper) text with Connect

Laboratory: Martin Laboratory Manual For Human A&P: Fetal Pig Version W/Phils 4.0 Access Card Martin Binding None Copyright 12 ISBN 0-07-758317-5

*PLEASE NOTE: Lab Manuals CANNOT be rented from a third party. Each student MUST have a consumable lab book from which pages MUST be torn out and submitted for grading. This means that absolutely NO copies can be submitted as it violates copyright laws.

Recommended Reading(s): Appropriate chapters in textbook as assigned

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 date and formulate conclusions using critical thinking and scientific problem-solving skills.

Lectures & Discussions:

Week 1-Introduction to Anatomy and Physiology
Week 2-Cells
Week 3-Epithelial Tissues
Week 4-Connective Tissues
Week 5-Integumentary System
Week 6-Skeletal System and Joints
Week 7-Skeletal System and Joints
Week 8-Muscular System
Week 9-Muscular System
Week 10-Nervous System I
Week 11-Nervous System I
Week 12-Nervous System II
Week 13-Nervous System II
Week 14-Nervous System III
Week 15-Nervous System III
Week 16-Final Exams

Evaluation/Grading Policy:

*Please NOTE: Lecture and/or Lab Schedule and/or Exam Schedule (Lecture and/or Lab) subject to change.

Grades will be determined as follows:

90.0 --- 100 = A	60.0 --- 69.9 = D
80.0 --- 89.9 = B	59.9 and < = F
70.0 --- 79.9 = C	

Tests/Exams:
Four major exams will be given over the course of the semester. There will also be a comprehensive final exam given during the final week of the semester.

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% online homework and quizzes
20% Test 1 and 3
20% Midterm Test 2
20% Final Test 4

Final Grades will be determined as follows:

90.0 --- 100 = A
80.0 --- 89.9 = B
70.0 --- 79.9 = C
60.0 --- 69.9 = D
59.9 and < = F

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, the teaching assistants, and the instructor in both lecture and laboratory experiences.

The last day to drop the course with a grade of W is **Tuesday, Nov 21, 2017.** 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." 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.