# NORTH CENTRAL TEXAS COLLEGE

# COURSE SYLLABUS

## **COURSE AND INSTRUCTOR INFORMATION**

**Course title: Anatomy and Physiology 2**

**Course prefix, number, and section number: Biol 2402 sections 700**

**Semester/Year of course: Spring 2023**

**Semester start and end dates: Semester starts, January 17th, Semester ends, May 13th**

**Modality (Face to face/Synchronous or Asynchronous online/Hybrid): Hybrid**

**Class meeting location, days, and times: Bowie campus, Monday, 10:30-12:20**

**Lab meeting location, days, and times: Bowie campus, Monday, 10:30-12:20**

**Semester credit hours: 4**

**Course description:** Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.

**Course prerequisites: Biol 2401**

**Required course materials: Required** Course Materials*:*

*Fundamentals of Anatomy and Physiology*, 11th ed., Martini

ISBN 9780134396026

**Required:** NCTC Lab Manual for Human Anatomy and Physiology (Will be available online through Canvas when class starts)

**You are required to purchase the access code for the course** **even if you are using an older version on the book.  We will be using my Lab and Mastering for assignments, review and discussion during class.  You should purchase the Modified Mastering Access Code for Canvas through your Canvas course.** Students using Mac books might have issues with access. (usually they need to go through the computer set-up and make sure the browser settings are correct). The following links are set up and access information from the textbook publisher in case you have questions.  But again, if you access through MyLab and Mastering in this Canvas course you should be walked through getting set up.

**Name of instructor: Belinda Anderson**

**Office location: Bowie campus room 132**

**Telephone number: (940) 872-4002 ext. 5217**

**E-mail address: banderson@nctc.edu**

**Office hours for students: Bowie campus Monday 12:30-3: Graham campus Tuesday 11:30-12:30: Online Monday 9-10 and 3-5, Tuesday 2-3, Wednesday 9-1.**

## **SYLLABUS CHANGE DISCLAIMER**

The faculty member reserves the right to make changes to this published syllabus if it is in the best interest of the educational development of this class. Any such changes will be announced as soon as possible in person and/or writing.

## **SUMMARY OF COURSE ASSIGNMENTS**

**List of graded assignments: 3 Lecture exams and 1 final exam @ 125 points each (lowest dropped), 2 Lab Practicals @ 125 points each, 10 class assignments @ 200 points total, 1 Power Point presentation @ 100 points and 10 discussions @ 7.5 points each. Total point value of 1000 points.**

**Final grade scale: 900 to 1000 points=A, 800 to 899.99 points=B, 700 to 799.99 points=C, 600 to 699.99 points=D and below 600 points=F**

**Late work policy: No late work accepted**

**SEE CANVAS FOR THE COMPLETE COURSE CALENDAR, OUTLINE, DETAILED DESCRIPTION OF GRADED WORK, AND OTHER RELATED MATERIAL.**

## **COURSE POLICIES**

**Academic Integrity Policy:** Scholastic dishonesty shall include, but is not limited to cheating, plagiarism, academic falsification, intellectual property dishonesty, academic dishonesty facilitation and collusion. Faculty members may document and bring charges against a student who is engaged in or is suspected to be engaged in academic dishonesty. See Student Handbook, “Student Rights & Responsibilities: Student Conduct ([FLB (LOCAL)]”.

**Attendance Policy:** Regular and punctual attendance is expected of all students in all classes for which they have registered. All absences are considered to be unauthorized unless the student is absent due to illness or emergencies as determined by the instructor. It is the student responsibility to provide documentation as to the emergency for approval and judgement by the faculty member. Approved college sponsored activities are the only absences for which a student should not be held liable and only when provided by a college official ahead of the absence. Valid reasons for absence, however, do not relieve the student of the responsibility for making up required work. Students will not be allowed to make up an examination missed due to absence unless they have reasons acceptable to the instructor. A student who is compelled to be absent when a test is given should petition the instructor, in advance if possible, for permission to postpone the exam. Student will be dropped from a class by the Registrar upon recommendation of the instructor who feels the student has been justifiably absent or tardy a sufficient number of times to preclude meeting the course’s objectives. Persistent, unjustified absences from classes or laboratories will be considered sufficient cause for College officials to drop a student from the rolls of the College. From Board Policy FC (LOCAL)

**Withdrawal Policy**

A student may withdraw from a course on or after the official date of record. It is the student’s responsibility to initiate and complete a Withdrawal Request Form.

**Last day to withdraw from the course with a “W” is:** April 3rd 2023.

**Student Learning Outcomes: Lecture 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.

**Lab Learning Outcomes**

Upon successful completion of this course, students will:

1. Apply appropriate safety and ethical standards.
2. Locate and identify anatomical structures.
3. Appropriately utilize laboratory equipment, such as microscopes, dissection tools, general lab ware, physiology data acquisition systems, and virtual simulations.
4. Work collaboratively to perform experiments.
5. Demonstrate the steps involved in the scientific method.
6. Communicate results of scientific investigations, analyze data and formulate conclusions.
7. Use critical thinking and scientific problem-solving skills, including, but not limited to, inferring, integrating, synthesizing, and summarizing, to make decisions, recommendations and predictions.

**Core Objectives:**

Critical Thinking

Communication

Teamwork

Empirical and Quantitative Analysis

## **COLLEGE POLICIES**

**STUDENT HANDBOOK**

Students are expected to follow all rules and regulations found in the Student Handbook.

**ADA STATEMENT**

NCTC will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations to afford equal educational opportunity. It is the student’s responsibility to contact the Office for Students with Disabilities to arrange appropriate accommodations. See the OSD Syllabus Addendum.

**STUDENT SERVICES**

NCTC provides a multitude of services and resources to support students. See the Student Services Syllabus Addendum for a listing of those departments and links to their sites.

## **QUESTIONS, CONCERNS, or COMPLAINTS**

The student should contact the instructor to deal with any questions, concerns, or complaints specific to the class. If the student and faculty are not able to resolve the issue, the student may contact the chair or coordinator of the division. If the student remains unsatisfied, the student may proceed to contact the instructional dean.

**Name of Chair/Coordinator:** Jaime Noles

**Office location:** Gainesville 408

**Telephone number:** 940-668-7731 ext. 4930

**E-mail address:** jnoles@nctc.edu

**Name of Instructional Dean:** Mary Martinson

**Office location:** Gainesville 1403

**Telephone number:** 940-668-7731 Ext.4377

**E-mail address:** mmartinson@nctc.edu