

ANATOMY & PHYSIOLOGY 2401

Instructor [Susan Decker](#)
Office Phone 940-668-4345
Office Address Gainesville Campus #408
Office Hours By Appointment Only
E-mail sdecker@nctc.edu
Location Online

Required Text

Anatomy & Physiology: The Unity of Form and Function, by: Kenneth S. Saladin: fifth edition, McGraw Hill Publishing, Anatomy & Physiology Revealed 2.0 -(Cadaver Dissection CD), Access codes to access the course content. The Access codes can only be purchased in the NCTC bookstore either with the textbook package which contains all three items, or with the Dissection CD package with contains only the Dissection CD and the access codes.

Suggested Text

Tabers Medical Dictionary

Catalog Description

This course provides a comprehensive look at the human body's structure and functions. Topics include how the body maintains homeostasis, the relationship of chemistry to anatomy and physiology, and cell function and division. The skin, skeletal system, muscles, and nervous system are examined. Sensory organs and the endocrine system are also presented. Several diseases and disorders are discussed, and as well as the cause, detection, and treatment of them.

Student Learning Outcomes

- Describe how the body maintains homeostasis.
- Relate chemistry to the field of anatomy and physiology.
- Describe how cells function and divide.
- Compare healthy and diseased tissues.
- Identify the major parts of skin, skeletal joints, muscle, and the nervous system and explain the function of each.
- Describe how muscle, bones, and nerves work together to create movement.
- Describe how sensory organs work.

- Explain the role of the endocrine system.
- Name several diseases and disorders of the body and explain what causes them.
- Explain how diseases and disorders of the body are detected and treated.
- Describe the interactions between each of the organ systems in the body.

Course Schedule

See Calendar for daily due dates.

<u>Dates</u>	<u>Lecture</u>	<u>Lab</u>
	Chapters	
Week 1:	1	Terminology
Week 2:	2	Chemistry
Week 3:	3	Cell
Week 4:	4 & Exam 1	Genetics/Mitosis
Week 5:	5	Lab Exam 1 / Histology
Week 6:	6	Integumentary System
Week 7:	7	Skeletal System
Week 8:	9 & Exam 2	Skeletal System (con't)
Week 9:	11	Lab Exam 2 / Muscular
Week 10:	12	Muscular System (con't)
Week 11:	13 & Exam 3	Nervous System
Week 12:	14	Lab Exam 3 / Brain
Week 13:	16	Endocrine System
Week 14:	17	Endocrine System
Week 15:	Final Exam	Review Lab
Week 16:		Final Lab Exam

* Schedule is tentative and subject to change

LECTURE EXAMS

Exam 1 - covers chapters : 1 - 4

Exam 2 - covers chapters : 5, 6, 7, & 9

Exam 3 - covers chapters: 11 - 13

Final Lecture Exam - covers chapters: 14, 16 & 17 (non-cumulative)

LAB EXAMS

Exam 1 - covers labs 1 - 4

Exam 2 - covers labs 5 - 7

Exam 3 - covers labs 8 & 9

Final Lab Exam - covers labs 10 - 11 + cumulative portion

Course Requirements

The on-line class will require approximately 12 hours a week plus homework. The student must be self-motivated, organized, and prepared to devote their time to this course. The student will be expected to read the chapters, complete activities and assignments, complete self-checks quizzes at the end of the chapter and participate in group discussion. This on-line course will require more hours than a regular classroom setting.

Grading Policy

4 - Lecture exams @ 100 pts each	400
Lecture quizzes	135
3 - Lab exams @ 60 pts each	180
Lab final exam (cumulative)	75
Lab quizzes	120
<u>Discussion forum, intro, overview quiz, participation</u>	<u>90</u>
<u>Total Possible points</u>	<u>1000</u>

A = 900 - 1000 pts; B = 800 - 899 pts; C = 700 - 799 pts; D = 600 - 699 pts; F = 0 - 599 pts.

No extra credit is available, your grade is determined by your performance on quizzes, exams, and activities. NO MAKE-UP EXAMS ARE GIVEN. No make-ups on quizzes or other assignments too unless prior arrangements are made with the instructor before the due date. Exams will be evaluated and grades determined as soon as possible. Grades will not be given out over the phone or via email, nor will grades be discussed with any individual other than the student.

Attendance Policy

Students are expected to complete all assignments, quizzes, and exams by their respective due dates, no make-ups will be given. **You will not be able to work ahead.** It is the students responsibility to drop should circumstances warrant the need, otherwise a grade of an **F**.

Academic Integrity

At North Central Texas College, plagiarism is defined as any of the following:

- Turning in someone else's ideas, opinions, theories, or work as your own;
- Copying words, ideas, or images from someone else without giving credit;
- Failing to put a quotation in quotation marks;
- Giving incorrect information about the source of a quotation or image;
- Changing words but copying the sentence structure of a source without giving credit;
- Copying so many words, ideas, or images from a source that it makes up the majority of your work, whether you give credit or not.

Students will receive an F on the first documented instance of plagiarism and a warning from NCTC. A second instance of plagiarism will result in the student's suspension from all classes for the remainder of the semester.

ADA Statement

North Central Texas College does not discriminate on the basis of disability for admission or access to its programs. The College is committed to providing equal access to its students with disabilities by providing appropriate accommodations; a variety of services and resources are made available through the ACCESS Department. Students are responsible for notifying the ACCESS Department of their need for assistance. Students with documented disabilities, such as mobility impairment, hearing or visual impairment, learning, and/or psychological disorders are eligible for services. The Corinth ACCESS Department is located in Room 120. The Gainesville ACCESS Department is located in ASC 108 (next door to the bookstore). For assistance, stop by one of these offices or call Beverly Neu Menassa at (940) 498-6207 on the Corinth Campus or Mary Martinson at (940) 668-4216 on the Gainesville Campus. In addition, students can access information [online](#).

EEOC Statement

North Central Texas College does not discriminate on the basis of race, color, national origin, gender, religion, age, or disability in the employment or the provision of services.

WebPage

Visit the North Central Texas College web page for information on registration, financial aid, counseling/advising, and cost of tuition and fees. You will also find information on the catalog and semester schedules as well as courses of study. You can keep up with what is happening on campus by checking the calendar of events and the sports news. The web has information on the library as well as links to other

areas of interest. Check out our [web page](#).

ONLINE ETIQUETTE

North Central Texas College is committed to promoting a level of classroom etiquette conducive to maximum teaching and learning. Inappropriate online classroom behavior will not be tolerated. It is assumed that adults in a Collegiate environment will act accordingly. The instructor retains the right to drop students who display inappropriate behavior.

Within this context the following etiquette is expected:

Be respectful of the instructor or other student's opinions when working in the discussion board, chat, or any communication forum. Use this rule of thumb: **IF YOU CANNOT SAY IT TO SOMEONE'S FACE, THEN DO NOT WRITE IT WITHIN AN EMAIL, DISCUSSION FORUM, CHAT, OR ANY OTHER MEANS OF ONLINE COMMUNICATION.** Any inappropriate comments will be considered disruptive behavior and **may be punishable by being dropped from the course.**

- **Complaints or issues with this course should be made in the following order:**
 - **Course instructor: Susan Decker @ 940-668-4345**
 - **Department Chair: Lisa Bellows @ 940-668-4252**
 - **Dean of Arts & Sciences: Larry Gilbert @ 940-498-6216**