

SYLLABUS

BIOLOGY 2320-HUMAN ANATOMY LECTURE

Professor: Curt Walker, Ph.D. Spring Semester 2015, 3 credits

Lecture section **3**, 2:00-2:50 p.m. MWF, Science 113: **24169**

Office: 124 Science Building; phone ext: 652-7785

Office hours: 9 a.m. MWF, 10a.m.-noon R

Required books: Human Anatomy: A Regional Approach, by Walker; Atlas of Human Anatomy, by Frank Netter, Ciba publications; Atlas of Skeletal Muscles, by Stone and Stone, Clinically Oriented Anatomy 4th ed., by Moore and Dalley, Lippincott Williams and Wilkins Publishing.

Optional books: The Anatomy Coloring Book, by Kapit and Elson.

Who Should Take This Course: BIOL 2320 is intended for life science/health science majors, and explores the details of the design of the human body. It is the student's responsibility to ascertain that this course is acceptable in his/her program of study.

Course Objectives: This course is designed to prepare students for careers in biological research, health sciences, or biological education. Human anatomy is an interesting but complex subject; students should be aware that the course will be rigorous, demanding large amounts of time and concentration. After successful completion of this course, the student will be able to, through testing, written or oral reports:

... demonstrate detailed knowledge of the anatomy of the human body in all regions, including muscle origins and insertions, nerve pathways, circulatory routes, organ systems, bones and their processes, ligaments, tendons, and the brain.

... demonstrate a basic understanding of the functioning of major organs, and how organ anatomy correlates with function,

... discuss specific examples of injury or disease states of the human body, and the contribution of anatomy to development, prognosis, and recovery from injury or disease.

Grades:

94-100% = A (4.0)	80-83.99% = B- (2.7)	67-69.99% = D+ (1.4)
90-93.99% = A- (3.7)	77-79.99% = C+ (2.4)	64-66.99% = D (1.0)
87-89.99% = B+ (3.4)	74-76.99% = C (2.0)	60-63.99% = D- (0.7)
84-86.99% = B (3.0)	70-73.99% = C- (1.7)	59% or less F (0)

At any time, the student may request a discussion of his/her grade in the course.

It is the student's responsibility to request grade information, which is always available.

Attendance: Students are responsible for all material presented in lectures. Excused absences must be pre-arranged. It is especially inappropriate to bring children to this class, and Dixie College policy prohibits this practice.

Disabilities: If you suspect or are aware that you have a disability that may affect your success in the course you are strongly encouraged to contact the Disability Resource Center (DRC) located in the North Plaza Building. The disability will be evaluated and eligible students will receive assistance in obtaining reasonable accommodations. Phone # 435-652-7516.

Exams: Four exams will be given, in addition to a comprehensive final exam. Questions will include multiple choice and perhaps fill-in-blank. Each exam is worth 200 points, for a total of 1000 points possible. Exams will be taken online in the testing center.

My exam scores: Exam 1: _____/200, _____ %
 Exam 2: _____/200, _____ %
 Exam 3: _____/200, _____ %
 Exam 4: _____/200, _____ %
 Final: _____/200, _____ %
 Total: _____/1000, _____ %

Cheating: Unfortunately this is a problem at Dixie State University. Cheating will not be tolerated in any form, including plagiarism, using stolen tests for study, copying the answers of another during a test, or informing other students of test contents before they've taken the exam. I will try to have any cheaters dismissed from the college; obviously they will fail the course and not be allowed to register for the course again. Identities of students who report others for cheating will remain anonymous if possible.

LECTURE SCHEDULE

M	1/12	Course Introduction, syllabus
W	1/14	Skull
F	1/16	Venous sinuses
W	1/21	Cerebral cortex
F	1/23	Cerebral cortex
M	1/26	Cerebral blood supply
W	1/28	Cranial nerves (EXAM 1)
F	1/30	Neck, paranasal sinuses
M	2/2	Axilla
W	2/4	Brachial plexus
F	2/6	Upper extremity skeleton
M	2/9	Upper extremity blood supply
W	2/11	Upper arm musculature
F	2/13	Upper arm musculature
W	2/18	Anatomy of wrist
F	2/20	Anatomy of wrist
M	2/23	Forearm musculature
W	2/25	Anatomy of wrist
F	2/27	Introduction to thorax UCUR (EXAM 2)
M	3/2	Lungs, pericardium, lymph
W	3/4	Lungs, pericardium, lymph
F	3/6	Heart
M	3/16	Thoracic circulation
W	3/18	Thoracic circulation
F	3/20	Introduction to abdominal circulation
M	3/23	Abdominal circulation, kidney, liver
W	3/25	Abdominal circulation, kidney, liver (EXAM 3)

F	3/27	Abdominal wall
M	3/30	Abdominal wall
W	4/1	Hernia, male anatomy
F	4/3	Male anatomy
M	4/6	Male anatomy
W	4/8	Female anatomy
F	4/10	Female anatomy
M	4/13	Introduction to Lower Extremity
W	4/15	Leg musculature (EXAM 4)
F	4/17	Leg vessels
M	4/20	Hip and Knee Joints
W	4/22	Lower leg
F	4/24	Ankle and foot
M	4/27	Back musculature
W	4/29	Course Review

FINAL EXAM: Monday, May 4th: 12:30 – 2:30 p.m.

Penalty for missing final exam: course failure. No early exams will be given without dean's permission.