

SYLLABUS
BIOLOGY 2320 Human Anatomy Lecture
CRN 20705 Sec 01
Professor: Marie Barber
Spring 2015

Lecture: MWF 10:00-10:50 Browning Room 101
Office: Science 121
Office Hours: By appointment
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Required books: *Human Anatomy: A Regional Approach*, by Walker and *Atlas of Anatomy*, by Frank Netter.

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:

- **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

Attendance: Due to the detail of the material, regular attendance is required. Students are responsible for all material presented in lectures. Attendance is essential to passing the course.

University Approved Absences: Students who must miss class because of a college-sanctioned activity, such as an athletic event, club activity, class assignment, or other approved event are responsible to notify their instructors and complete any missed assignments. Please read this information and follow the instructions carefully! The policy can be found at <http://www.dixie.edu/humanres/poolicy/sec5/523.html>.

Classroom Expectations: It is my responsibility as an instructor to create and maintain a classroom environment that is optimal for learning. This means **not talking when the teacher is talking, following instructions, and speaking and acting respectfully to the professor and fellow students.** If your behavior is disruptive you will first receive a verbal warning. If it persists, you will be sent a written notice. As a last resort, you will be dropped from the class. For more details regarding Dixie's disruptive policy go to <http://www.dixie.edu/humanres/policy/sec3/334.html>

Cell Phones: Please **TURN OFF** all cell phones before entering the classroom. They are a disruption to the instructor as well as your fellow class members. Also, **NO TEXTING IN CLASS!**

Disability Accommodations: If you are a student with a medical, psychological, or learning disability or think you might have a disability and would like accommodations, contact the Disability Resource Center (652-7516) in the North Plaza. The Disability Resource Center (<http://dixie.edu/drcenter/>) will determine eligibility of the student requesting special services and determine the appropriate accommodations related to their disability.

Dmail: Important class and university information will be sent to your Dmail account. This information includes your DSU bill, financial aid/scholarship notices, notification of dropped classes, reminders of important dates and events, and other information critical to your success in this class and at DSU. All DSU students are automatically assigned a Dmail account. If you don't know your user name and password, go to **www.dixie.edu** and select "Dmail," for complete instructions. You will be held responsible for information sent to your Dmail email, so please check it often.

Canvas will be used in this course. I will post study guides and other review materials on canvas. I will also post any PowerPoint slides that I use in class.

Campus resources: Several campus resources are available to help you succeed. Check out the links for each one to get more information.

If you need help understanding the content of your courses, go to the **Tutoring Center** located on the 4th floor of the Holland Centennial Commons in Room 431. You can visit them online at <http://www.dixie.edu/tutoring/>

If you need to use a **computer** to do schoolwork on campus, go to the Smith Computer Center or the Holland Centennial Commons on the second, mezzanine or third floors.

Our exams will be held in the **Testing Center**. You can get information on their website at <http://www.dixie.edu/testing/>

The **Library** has all kinds of information and resources. Visit the Dixie State University Library on the 2nd, and 3rd floors of the Holland Centennial Commons, or go to the library website at <http://library.dixie.edu/>

Important Dates: On **January 22, 2015** the drop/audit fee begins (\$10 per class). **February 2, 2015** is the last day to drop the course without receiving a W and receive a full refund. **April 10, 2015** is the last day for complete withdrawal. Dropping after this date requires approval from the Academic Appeals Committee (forms available in the Advisement Office).

Academic Integrity: In order to ensure that the highest standards of academic conduct are promoted and supported at the University, students must adhere to generally accepted standards of academic honesty, including but not limited to, refraining from plagiarizing, copying the answers of another during a test, using stolen tests for study, or informing other students of test contents before they've taken the exam. The University shall consistently hold students accountable for instances of academic dishonesty and apply appropriate consequences which may include:

- Giving a failing grade on the assignment where cheating occurred
- Failing the student in the entire course
- Immediately dismissing and removing the student from the course, and/ or referring the student to Student Affairs, a committee which may reprimand, place on probation, suspend, and/or expel the student.

Exams: Four exams will be given, in addition to a **comprehensive** final exam. Questions will include multiple choice and perhaps fill-in-the-blank. Each exam is worth 200 points, for a total of 1000 points possible. Exams will be taken online in the testing center. See www.dixie.edu/testing/ for hours of operation. Contact them by phone at 435-652-7696 or Email testcenter@dixie.edu

Penalty for missing an exam: 20% of the possible points will be **deducted** for every day after the deadline that the exam is taken. **Penalty for missing the final exam: COURSE FAILURE.** No early final exams will be given without the dean's permission.

Extra Credit: Throughout the semester, four extra credit quizzes will be held randomly at the end of class. There will be 4 questions worth 2 points each, for a total of 8 points per quiz.

My exam scores:

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

Grades:

A	93-100%	B-	80-82.99%	D+	67-69.99%
A-	90-92.99%	C+	77-79.99%	D	63-66.99%
B+	87-89.99%	C	73-76.99%	D-	60-62.99%
B	83-86.99%	C-	70-72.99%	F	59% or less

At any time, the student may request to know of his/her grade in the course. It is the student's responsibility to request grade information, which is always available.

LECTURE SCHEDULE

Jan. 12	Course intro and syllabus
Jan. 14	Skull
Jan. 16	Skull
Jan. 19	Martin Luther King Jr. Day NO CLASS
Jan. 21	Skull and venous sinuses
Jan. 23	Cerebral cortex
Jan. 26	Cerebral cortex
Jan. 28	Visual processing and mid-sagittal brain
Jan. 30	Review
Jan. 30-Feb. 2	Exam 1
Feb. 2	Cerebral blood supply
Feb. 4	Cerebral blood supply
Feb. 6	Cranial nerves and eye muscles
Feb. 9	External carotid branches
Feb. 11	Head and neck
Feb. 13	Neck muscles
Feb. 16	President's Day NO CLASS
Feb. 18	Upper extremity & articulations
Feb. 20	Review
Feb. 20-23	Exam 2
Feb. 23	Brachial plexus
Feb. 25	Rotator cuff musculature
Feb. 27	Arm musculature
Mar. 2	Forearm musculature
Mar. 4	Forearm musculature
Mar. 6	Carpal tunnel
Mar. 9 -13	Spring Break NO CLASS
Mar. 16	Thorax, spinal cord and sternum
Mar. 18	Lungs and heart
Mar. 20	Mediastinum and lymph

Mar. 23	Heart
Mar. 25	Review
Mar. 27	Mediastinal vasculature and abdomen
Mar. 27-30	Exam 3
Mar. 30	Aorta
Apr. 1	Hepatic portal system
Apr. 3	Abdominal wall
Apr. 6	Inguinal triangle
Apr. 8	Hernias
Apr. 10	Male anatomy
Apr. 13	Female anatomy
Apr. 15	Lower extremity
Apr. 17	Review
Apr. 17-20	Exam 4
Apr. 20	Hip
Apr. 22	Lower extremity vasculature
Apr. 24	Lower leg musculature
Apr. 27	Back musculature
Apr. 29	Review

FINAL EXAM: Friday May 1, 2015 9:30-11:30 am

Strategies for Success:

- ✓ **Review Daily**
- ✓ **Participate in study groups**
- ✓ **Get help AS SOON as something is unclear**