

# BIOLOGY 2320-02 HUMAN ANATOMY LECTURE-SYLLABUS

CRN 23475 Spring 2015, 3 Credits

BROWN 101 TUES.-THURS. 10:30a.m.-11:45a.m

**Instructor:** Dr. Glorimar Aponte-Kline      Email: [kline@dixie.edu](mailto:kline@dixie.edu)      Office Phone: (435) 879-4322

**Office:** Science 120      **Office Hours:** W 10:00am-12:00pm or by appt.

**Required Texts:** **Lecture and Lab:** Human Anatomy A Regional Approach 4<sup>th</sup> Edition, by Walker;  
**Lecture:** Clinical Oriented Anatomy 7<sup>th</sup> ed., Moore, Dalley and Agur, Lippincott Williams and Wilkins Publishing. Atlas of Human Anatomy by Frank Netter, 6<sup>th</sup> Edition, Ciba Publications  
**Required Writing Utensils:** Colored Pencils/pens

**Description:** BIOL 2320. Human Anatomy. 3 Hours.

For students pursuing health science fields, including pre-allied health, pre-nursing, pre-physical therapy, pre-dental, pre-medical, and many others. Examines the structures of the human body, including muscles, nerves, blood supply, bones, lymph, internal organs, and reproductive anatomy. Includes lectures supplemented with laboratory examinations of cadavers and physical and virtual models. Successful completers will have advanced familiarity with the nomenclature and locations of structures in the human body.

It is the student's responsibility to ascertain that the course is acceptable in his/her program of

**Recommended Preparatory or Concurrent Course:** Successful completion of BIOL 1010, BIOL 1610, or equivalent is highly recommended prior to enrolling. Recommended prerequisite: BIOL 1010, BIOL 1610, or equivalent course, Medical Terminology HLOC 1000

**Co-requisite:** BIOL 2325 If students **don't take the lab course**, the **lecture course grade will not be recorded** on the transcript (**exception** is if a student has successfully passed the Human Anatomy Laboratory course, and is simply repeating the lecture portion)

**Objectives:** This course is designed to prepare students for careers in biological research, health sciences, or education in biological science. Human anatomy is an interesting but complex subject; students should be aware that the course will be rigorous, demanding many hours of study time. 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.

**To succeed in this course:** the student should

- **Come to class and Review material daily**
- Look through text book or anatomy atlas before coming to class and after class
- Find a study partner or get into a study group
- Get help as soon as something is unclear (i.e. tutoring center or see me or lab instructor) Don't wait until the day before
- Pay close attention to how I ask questions in class and on quizzes for exam purposes
- Pay close attention to detail, spatial relationships of structures
- Go to canvas or listen in class for any changes in syllabus or testing schedule.

**Attendance: Regular attendance is strongly recommended.** Attendance will be taken every day. There may be a sign in note book which requires your signature or roll will be taken. You will be accountable for all information presented during the class.

**College Approved Absences:** Dixie College Policy explains in detail what needs to happen if you anticipate being absent from class because of a college-sponsored activity (athletic events, club activities, or field trips for other classes). Please read this information and follow the instructions carefully! The Policy can be located at: <http://www.dixie.edu/humanres/policy/sec5/523.html>

**Please do not bring your young children to class.** Too often children cause disruption during class because they get bored and have short attention spans. It is against college policy to bring children to class. Please try to find other arrangements.

**Cellular Phones:** Cell phones need to be **turned off before and during class.** If you forget to turn it off before class and it is heard during class, or if I see you texting in class, I will deduct 10 points from your total score. Cell Phones are disruptive to the class and especially to the instructor. Please **NO Cell Phones ON in Class. NO TEXTING IN CLASS!**

**Academic integrity or Dishonesty (Cheating and Plagiarism):** Cheating will not be tolerated in any form. This includes using stolen tests for study, copying answers from another student during an exam, or informing another student of test contents (verbal or text) before they have taken the exam I will not tolerate cheating.

Teachers at Dixie State College may discipline students proven guilty by DSC Policy Section:

- 1) 34.1.1 Giving a failing grade for the assignment (exam, quiz), where dishonesty has occurred
- 2) 34.1.2 Failing student for entire course
- 3) 34.1.3 Immediately dismissing and removing student from the course and/or
- 4) 34.1.4 Referring the student to Student Affairs, a committee which may reprimand, place on probation suspend, and/or expel the student

See student code at: <http://www.dixie.edu/humanres/policy/sec5/533.htm>

Cheaters will fail the course, not be allowed to re-register for the course, and may be dismissed from DSC. Identities of students who report others for cheating will remain anonymous if possible.

**Disruptive Behavior Policy:** If your conduct in class affects the learning atmosphere of the class, the instructor reserves the right to drop you from the class. This will happen using the following procedure:

- a. Verbal warning that your behavior is negatively affecting the class
- b. Written warning that you are negatively affecting the class
- c. Removal from the class. The instructor will inform the student in writing of this, along with contact information for a supervisor of the instructor so the student can appeal if desired.

**Disability Accommodations:** If you are a student with a medical, psychological or a learning difference and requesting academic accommodations due to your disability, you must provide an official request of accommodation to your professor(s) from the Disability Resource Center (DRC) within the first **two weeks** of the beginning of classes. You should contact DRC to receive assistance in the documentation process and to determine the appropriate accommodations related to your disability. You may call (435) 652-7880, fax (435) 879-4038, or e-mail [drc@dixie.edu](mailto:drc@dixie.edu) for an appointment. Further information regarding the Americans with Disabilities Act (ADA) of 1990 per Section 504 of the Rehabilitation Act of 1973. The DRC is located in the North Plaza Building. Office Hours: Mon.- Fri. 8:00 am -5:00pm.

**College Withdrawal Policy:** Students may drop courses through **Feb. 2, 2015** with full refund. The last day to drop/audit class without receiving a “W” is **Feb. 2, 2015**. **Apr. 10, 2014** is the last day for complete withdrawal. Dropping the class after **Apr. 10, 2014** requires approval from the Academic Appeals Committee (forms available in the Advisement Office). **If you drop the lecture course the laboratory course will be automatically dropped as well.**

**Library Services:** There is no library component to this course.

**Writing Center:** There is no writing component to this course.

**Tutoring :** Tutoring services are provided for all registered DSC students and is available for all subjects. It is located in the Holland Building 4<sup>th</sup> floor. There is a schedule on the door of classes, tutors and times they are available.  
<http://dsc.dixie.edu/tutoring/index.htm>

**Testing Center Hours:** Monday through Friday 9am – 10pm  
Saturday 2pm – 10pm  
Sunday 4pm – 10pm

**Grading Policy/Examinations:** Grading for this course will be determined on the basis of points accumulated from four exams, extra credit assessments, attendance plus the final exam.

- Exams cover lectures, assigned questions from chapters, and any text pages listed on the syllabus
- Exam question format varies: multiple choice, matching, labeling, fill in Blank.
- Extra credit assessments may be **unannounced**. They **can not** be made up. So if you miss the assessment, you lose extra credit points
- Final exam will be cumulative but emphasis will be on material covered since last exam.  
Attendance will count as an extra credit assessment. Attendance will be taken and those who attend 28/30 class periods will receive 10 extra credit points. You do not make 28 classes then no extra credit points given.
- **Exams will be taken in Testing Center unless otherwise specified by instructor.**

**Make-up Policy:** If a student is unable to attend an exam, due to unavoidable and valid Circumstance the instructor may choose to allow a “make-up”, provided there is a:

1. Healthcare provider statement that student was too injured or too ill to participate on the scheduled date.
2. Evidence of Military Service
3. Evidence of Jury Duty
4. If a student is participating in a Dixie State College Official event conflicts with the schedule, they **must see the instructor IN ADVANCE** to arrange an alternative date

Weddings, vacations or other social events that are not DSC related are **unexcused absences**. Students should contact me as soon as possible and I may choose to allow a “make-up” exam. The “make-up” exam may not be the same as the one given to the class and 20% will be deducted from the exam score. **No advance notice = no exam, No final exam = fail course No early final final exams be given without the Dean’s permission.**

**Exams:**

Exams are 200points each.....	800 points
Final exam .....	200 points
Unannounced assessments and attendance.....	extra credit
Total Points.....	10000points

**Grades:**

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

At any time, the student may request a discussion of his/her grade in the course.  
All scores are entered in Canvas. Student has access at any time to their grades.  
Midterm grades can be obtained via student's request.

**LECTURE SCHEDULE SPRING 2014**

(\*Tentative Schedule\*)

T	1/13	Course Introduction, syllabus, medical terms (Intro.)
Th	1/15	Medical terms, Skull (Intro. Ch.7)
T	1/20	Skull, Scalp (Ch.7)
Th	1/22	Scalp, Meninges, Dural Sinuses (Ch. 7)
T	1/27	Cerebral Cortex, visual processing (Ch.7)
Th	1/29	Midsagittal Brain, Cerebral vessels (Ch. 7)
<b>Fri - Sun 1-30-&gt;2-1</b>		<b>EXAM 1</b> (covers up to page 27) in Testing Center
T	2/3	Circle of Willis, Cranial nerves (Ch. 7,9)
Th	2/5	Eye muscles and movements, Dermatomes (Ch. 7,9)
T	2/10	Muscles, nerves and vessels of head and face (Ch.'s 7)
Th	2/12	Midsagittal, coronal and parasagittal structure of the head (Ch.'s 7)
T	2/17	Skeletal structures of the neck and spinal column (Ch. 4,8)
Th	2/19	Neck musculature (Ch.8)
T	2/24	Upper extremity, Forearm and Wrist (Ch. 6)
Th	2/26	Elbow joint and Classification of joints (Ch. 6)
<b>Fri – Sun 2-27-&gt;3-1</b>		<b>EXAM 2</b> (covers up to page 77) in Testing Center
T	3/3	Thoracic muscles, Upper limb muscles and vessels (Ch.1,6)
Th	3/5	Brachial Plexus, Rotator cuff (Ch.6)
<b>3/9-3/13</b>		<b>SPRING BREAK</b>
T	3/17	Shoulder and Upper arm muscles (Ch.6)
Th	3/19	Forearm musculature, vessels and Thorax (Ch.6)

T 3/24 Lungs, Pericardium, and Lymph vessels (Ch.1)  
Th 3/26 Heart and, Fetal circulation (Ch.1, page 44)

**Fri – Sun 3/27 – 3/29 EXAM 3** (covers up to page 131) in Testing Center

T 3/31 Thoracic vessels, Abdominal cavity (Ch.1,2)  
Th 4/2 Visceral branches of the Abdominal Aorta (Ch.2)  
T 4/7 Abdominal organs and vessels (Ch. 2)  
Th 4/9 Hepatic Portal System, Kidney, Abdominal wall and Pelvis (Ch. 2,3)  
T 4/14 Male Anatomy and vessels (Ch.2,3)  
Th 4/16 Female Anatomy, Anterior thigh muscles and vessels (Ch.3)

**Fri – Sun 4/17 – 4/19 EXAM 4** (covers up to page 175) in Testing Center

T 4/21 Gluteal region, Hip, Knee (Ch.5)  
Th 4/23 Lower leg musculature and vessels (Ch. 4,5)  
T 4/28 Back musculature (Ch. 4) (Anatomy of eye and ear if time permits Ch. 7)  
Th 4/30 Reading day **No classes**

**FINAL EXAM: 10:30am – 11:45am class is on Thursday May 7, from 9:30am – 11:30am IN THIS CLASSROOM**

**Final Exam covers all material in course with emphasis on material covered after Exam 4.**

**\*Please note that this tentative schedule is subject to change. Notice of any changes in schedule or testing schedule will be given in class or on Canvas. All handouts will be put on Canvas so please check Canvas frequently. You will be responsible for obtaining any changes in schedule and information.**

**PLEASE NOTE THAT HUMAN ANATOMY LABS DO NOT MEET ON JAN. 12 OR 13. LABS WILL MEET ON JAN. 14 AND JAN. 15, 2014**

**Important Dates for 2015 Spring Semester** (<http://dixie.edu/reg/?page=spring2015>)

Oct 31 Spring 2015 Bachelor's degree Graduation Application Deadline

Nov 17 Spring Registration open to Seniors (90+ earned credits)

Nov 18 Spring Registration open to Juniors (60+ earned credits)

Nov 19 Spring Registration open to Sophomores (30+ earned credits)

Nov 20 Spring Registration open to All Students

Jan 12 Classwork Starts

Jan 15 Last Day for Waitlist

**Jan 16 Last Day to Add Without Signature**

Jan 19 Martin Luther King Jr. Day

Jan 22 Drop/Audit Fee Begins (\$10 per class)

Jan 22 Residency Application Deadline

Jan 27 \$50 Late Registration/Payment Fee

Feb 2 Spring 2015 Associate's degree Graduation Application Deadline

Feb 2 Pell Grant Census

**Feb 2 Last Day for Refund**

**Feb 2 Last Day to drop without receiving a "W" grade**

**Feb 4 Courses dropped for non-payment**

**Feb 6 Last Day to Add/Audit**

**Feb 16 President's Day**

Mar 2 Summer 2015 Bachelor's degree Graduation Application Deadline

Mar 2 Mid-Term Grades Due

**Mar 6 Last Day to Drop Individual Class**

**Mar 9-13 Spring Break**

Mar 23 Fall Class schedule available online

Mar 23 Summer Registration open to Seniors (90+ credits)

Mar 24 Summer Registration open to Juniors (60+ credits)

Mar 25 Summer Registration open to Sophomores (30+ credits)

Mar 26 Summer Registration open to all students

Apr 1 Fall 2015 Bachelor's degree Graduation Application Deadline

**Apr 10 Last Day for Complete Withdrawal**

Apr 13 Fall Registration open to Seniors (90+ credits)

Apr 14 Fall Registration open to Juniors (60+ credits)

Apr 15 Fall Registration open to Sophomores (30+ credits)

Apr 16 Fall Registration open to all students

Apr 29 Classwork Ends

Apr 30 Reading Day

May 1 Associate's degree Graduation Deadline - Summer 2015

**May 4-7 Final Exams**

May 8 Commencement