

# Human Anatomy – By 115-3B

## Monday and Wednesday 5.30 – 6.45 p.m.

### Volker Hall L101A

**Instructor:** Lucy G. Andrews, Ph.D.  
**Office:** 165 Campbell Hall  
**Email:** [landrews@uab.edu](mailto:landrews@uab.edu) **Phone:** 205.934.4575  
**Webpage:** <http://main.uab.edu/show.asp?durki=7195>  
**Office hours:** Tuesday & Wednesday 3:00 – 5:00 p.m.

**Lab Coordinator:** Dennis Kearns  
**Office:** 166 Campbell Hall  
**Email:** [dkearns@uab.edu](mailto:dkearns@uab.edu) **Phone:** 205.934.2917

- Administrative withdrawal from By-115 occurs if you miss the first lecture.
- ANATOMY LABS BEGIN the week of August 27 – 31 at your assigned lab time.
- All students of BY-115 are required to register for both lecture & lab together.
- Please note: failing anatomy lecture or lab results in failure of the entire course.

Event	Dates for Fall Semester 2006
First week of Anatomy Lab	August 27 – 31
<b>Labor Day Holiday</b>	Monday, September 3
Last Day to Drop without \$	August 28
Last Day to Add a Class	August 29
Last Day to Drop with a “W”	October 22
<b>Thanksgiving Holiday</b>	November 21 - 23
Last Day of Lecture	Wednesday, December 5
<b>FINAL EXAM</b>	Wednesday, Dec. 12, 4:15 – 6:45 p.m.

#### ***Texts & Materials:***

- **Human Anatomy\*\***
  - 2005 Benjamin-Cummings
  - 5<sup>th</sup> Edition Authors: Marieb, Mallatt & Wilhelm
- **Human Anatomy Laboratory Guide with Cadaver Dissections\*\***
  - 5<sup>th</sup> edition, Pearson Publishing, 2005 Author: Hendon
  - \*\*Packaged together – gives a discount equal to buying text at used price.
- **A Survival Guide for A.D.A.M. Interactive Anatomy**
  - 4<sup>th</sup> Edition, 2005 Author: Hendon
- **You will provide latex or vinyl gloves:** every week after the first lab test.
- **Dissection tools:** provided by the Anatomy Lab for your use during lab.

## Outline of Anatomy Lecture Topics

	<b>DATE</b>	<b>Chapter</b>	<b>Tests: LAB and Lecture</b>
<b>AUGUST</b>	Wednesday 22 <sup>rd</sup>	Introduction & Chapter 1	
	Monday 27 <sup>th</sup>	Chapter 2 - Cells	
	Wednesday 29 <sup>th</sup>	Chapter 6 - Bones	
	Monday, September 3	<b>LABOR DAY HOLIDAY</b>	
<b>SEPTEMBER</b>	Wednesday, 5 <sup>th</sup>	Chapter 3 - Embryology and Chapter 4 - Tissues	
	Monday, 10 <sup>th</sup>	Chapters 4 and 5 - Skin	
	Wednesday, 12 <sup>th</sup>		<b>TEST I</b>
	Monday, 17 <sup>th</sup>	Chapter 9 - Joints	<b>LAB: Bone/Histo Test</b>
	Wednesday, 19 <sup>th</sup>	Chapter 9 & 10 - Muscle	
	Monday, 24 <sup>th</sup>	Chapter 10 & bits of 11	
	Wednesday, 26 <sup>th</sup>	Chapter 12 – Nerve Tissue	
	<b>OCTOBER</b>	Monday, 1 <sup>st</sup>	Chapter 12
Wednesday, 3 <sup>rd</sup>			<b>TEST II</b>
Monday, 8 <sup>th</sup>		Chapter 13 - CNS	<b>LAB: Muscle test</b>
Wednesday, 10 <sup>th</sup>		Chapter 13	
Monday, 15 <sup>th</sup>		Chapter 13	
Wednesday, 17 <sup>th</sup>		Chapter 14 - PNS	
Monday, 22 <sup>nd</sup>		Chapter 14 - PNS	
Wednesday, 24 <sup>th</sup>			<b>TEST III</b>
Monday, 29 <sup>th</sup>		Chapter 15 - ANS	<b>LAB: Nervous system test</b>
Wednesday, 31 <sup>st</sup>		Chapter 16 – Special Senses	
<b>NOVEMBER</b>	Monday, 5 <sup>th</sup>	Chapter 25 - Endocrine	
	Wednesday, 7 <sup>th</sup>	Chapter 17 & 18 – Blood/Heart	
	Monday, 12 <sup>th</sup>	Chapter 19 & 20 –B.V./Immune	
	Wednesday, 14 <sup>th</sup>		<b>TEST IV</b>
	Monday, 19 <sup>th</sup>	Chapter 21 - Respiratory	
	Wednesday, 21 <sup>st</sup>	<b>THANKSGIVING HOLIDAY</b>	
	Monday, 26 <sup>th</sup>	Chapter 22 - Digestive	<b>LAB: FINAL EXAM</b>
	Wednesday, 28 <sup>th</sup>	Chapter 22 & 23 – Dig./Urinary	
<b>DECEMBER</b>	Monday, 3 <sup>rd</sup>	Chapter 24 -Reproductive	
	Wednesday, 5 <sup>th</sup>	Chapter 24	
	<b>Wednesday, 12<sup>th</sup></b>	<b>LECTURE FINAL EXAM</b>	<b>4:15 – 6:45 p.m.</b>

### Attendance Policy for Lecture

The most fun and exciting way to learn anatomy is by **involved attendance** in lecture and developing effective study skills. Your grade will reflect the effort you put into **EFFECTIVELY** studying & learning the material.

- You are responsible for all material presented or assigned at each lecture, whether you attend class or not.

### Academic Policies

- The **grading system** follows the policies in the UAB Student Handbook.
- **Cheating will not be tolerated in lab or lecture.** Penalties for cheating are discussed in the Undergraduate Student Catalogue.
- If you require special testing conditions, please provide documentation from Disabilities Support Services indicating your specific requirements.

## Testing and Grading

### **Lecture – 60% of total Anatomy course grade**

- **Four equally weighted** lecture tests.
- **Unannounced bonus quizzes** – participation points to be added to lecture test score.
- **There are no make ups for quizzes.** If you miss a quiz you don't *lose* points, but you will NOT get participation points regardless of the reason for your absence.
- Bring three **#2 pencils** with **good erasers** to every lecture test for the **Scantron**.
- **Please bring your UAB student ID or your driver's license to each test.**
- **You are graded upon your performance, not your potential.**

### **Laboratory – 40% of total grade**

- Scores on the **four lab practicals** determines ~75% of your lab grade.
- ~25% of your lab grade comes from points scored on **ADAM quizzes and diagrams.** These quizzes and diagrams are designed to help you understand relationships of organs to one another. Doing the work will improve your grade in anatomy lab.
- See the Lab Syllabus, which will be handed out at your first lab, for policies concerning lab.

### **Suggestions for a Fun and Exciting Semester!**

1. Be prepared – **read and ask questions** – look up information online.
2. Be generous and kind to your neighbors in class and at home.
3. Be forgiving of others' mistakes – especially your classmates' and mine!
4. Listen in class and lab – there's lots of new information every day.
5. Suggestions for effective studying:
  - a. Read and study a little every day. You will remember much better.
  - b. Waiting until the last day diminishes your performance.
  - c. At <http://www.vark-learn.com/english/index.asp> there is a quick test that assesses your method of learning.
6. **Ask questions** in class if you have them – if you need clarification, chances are others do, too! It makes for a much more fun class if there is dialogue with students!
7. **Use my webpage:** <http://main.uab.edu/show.asp?durki=7195>
  - a. **To print class outlines and PowerPoint slides**
  - b. **To print QUIZZES**
  - c. **To view links to other websites that pertain to class topics**
8. **Cell phones**
  - a. Put your phone on vibrate or turn it off during lecture.
  - b. If you have an emergency, please let me know. I know that no one would mind if your cell phone went off due to emergency surgery, birth of a baby, etc...
9. **ENJOY!** – this class is INTENSE, but fun and exciting!

## Goals for Human Anatomy Lecture

- To gain knowledge of human anatomy to help prepare you for future professional goals and help you build your understanding of anatomy through understanding:
  - Relationships between structures & functions of the human body.
  - Contemporary **scientific vocabulary** used in healthcare professions.
  - Appreciation for human anatomy from a biological perspective.
- Students will:
  - Learn to analyze, synthesize, and integrate information from chapter to chapter to build a multi-dimensional understanding of human anatomy.
  - Develop critical thinking ability & good study skills.
  - Develop accountability, integrity, and dependability as adult students.

## Methods

- Interactive lecture format using the following:
  - PowerPoint slide shows
  - In-class demonstrations
  - Outside speakers
  - Student involvement
- Laboratory involves hands-on experience studying cadavers & human organs. You will find it helpful, if not essential, to take part in **Extended Study sessions (ES)** for further study of laboratory material. (See lab syllabus for details).

## Make-up Test Policy for Lecture

It is your responsibility to notify me if you *will* miss a lecture test due to a specific scheduled event. Please provide appropriate evidence to justify your absence. If you miss an exam without notifying me prior to the exam (ex. for illness), let me know that you missed the test **before the next lecture**. Failure to **communicate that you missed a test** before the next lecture meeting results in a **ZERO** for that exam. **All Lecture make up tests are given at the end of the semester during the final exam period.**

- At the time of your absence from a test, please provide **one** of the following:
  - A signed and dated doctor's excuse for **illness**,
  - An obituary from a deceased relative whose funeral was near test time,
  - Letter from your UAB coach confirming participation in a school athletic event
  - Documentation of your involvement in a traffic accident occurring at test time
  - **Other** reasonable excuses will be considered on an individual basis.
- Lecture make-up tests will cover the same subjects as the original lecture test.
- You may only take **ONE** LECTURE MAKE UP TEST. If you miss a second test, you may want to consider dropping the course, because you may not make up two tests.

**Supplemental Instruction (SI):** These special sessions are led by successful former anatomy students. Study sessions help you analyze, synthesize and apply information learned in lecture. Weekly SI hours will be announced in class.