

# Welcome to Anatomy and Physiology

## The Hybrid Experience

Your lab time will vary week by week between  
**Wet labs** in SCL 421  
And **Virtual labs** SCL 423

It is important that you have your GTA's  
information for the virtual labs.

There are two labs sections at each lab time, an **A** and a **B** section. They are on different schedules. Make sure you know if you are **A** or **B**. Make sure you note this along with your lab time on all communication with your lab TA or Lab coordinator.

Your On-line sources for this class consist of:

- 1) A lab website hosted on the auburn server
- 2) Mastering A&P - a website component of your text-book

The **lab website** holds your class resources including

Lab packet

Slideshows

Videos

Helpful links

Lab & Mastering A&P information:

This presentation

Buying online access

Getting into and around mastering

The **Mastering A&P site** has your

Class assignments referred to in your handouts

Many resources of their own you will also use to  
study from.

# What is a Virtual Lab?

A virtual lab is a lab that you complete using your computer and lab notebook. They begin in the classroom (SCL423) and then finish on your own. Bring Your LAPTOP to class with you on these days.

They are just as important as your wet labs and are made up of 2 components:

1) Items you need to study and lab web resources to go through.

2) A mastering A&P assignment folder (sometimes 2) that needs to be completed. Completing these folders earns the lab points, but this is not the only part of the lab that needs to be completed. Make sure you know everything on the lab handout, not just the questions in the assignment.

## **To complete the virtual labs:**

- Find the current lab handout in the lab packet
- Follow the direction step by step
  - Watch what it says
  - Use your lab manual as noted
  - Complete the mastering assignments **when instructed** in the lab sheet.

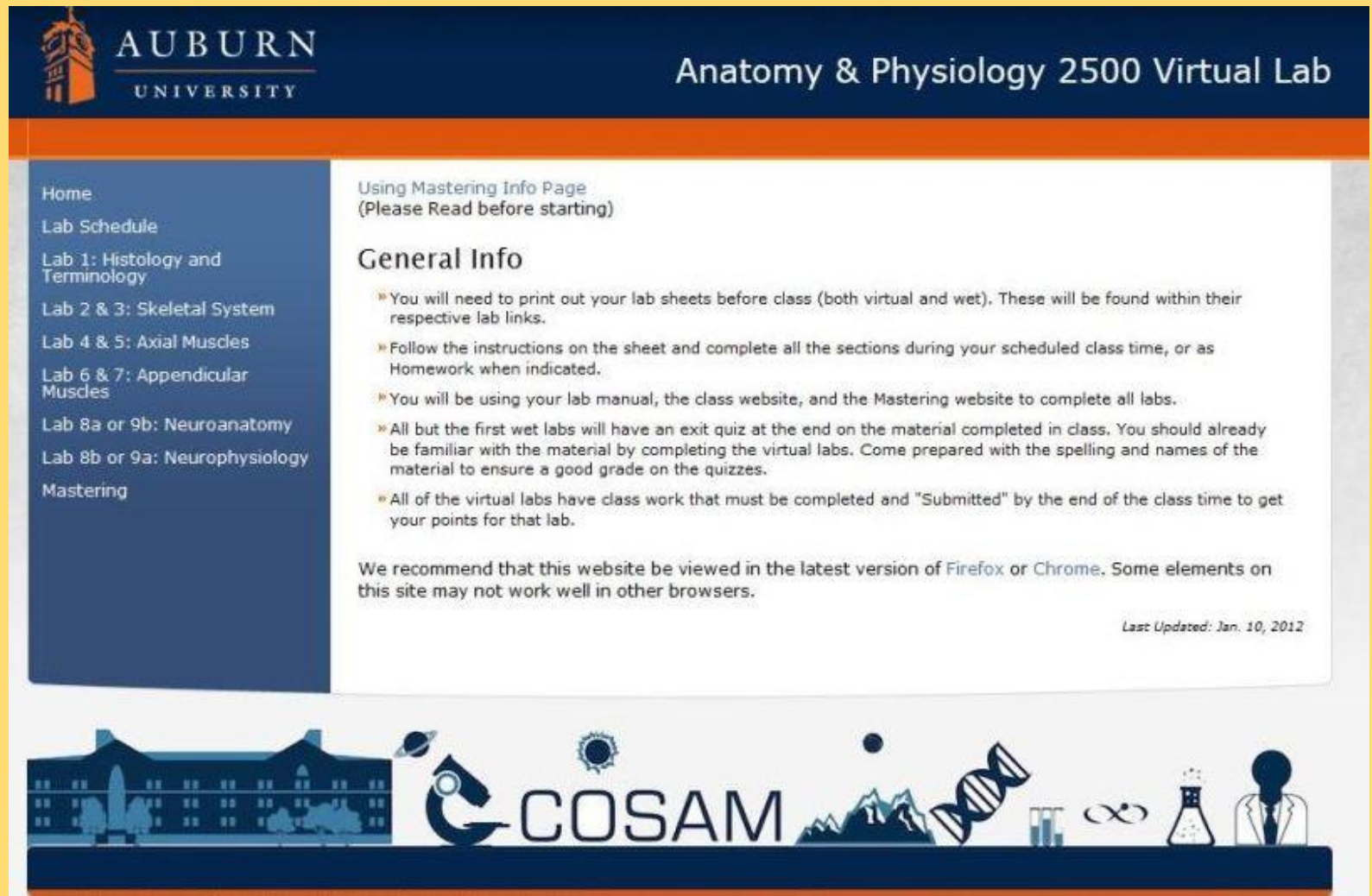
Once everything on the lab sheet is completed use it as a guide as to what to study for upcoming quizzes and tests. **All material** from the **handouts** are potential questions.

Again follow the handout **DO NOT** just go to the assignment area of mastering. The assignments are just a sample of what you need to know– not all you need to know.

# Lab Web Page

URL <https://fp.auburn.edu/cosam/cat> or use link in canvas

**You will be prompted for you Auburn username and password to access page**



The screenshot shows the Auburn University Anatomy & Physiology 2500 Virtual Lab website. The header features the Auburn University logo and the title "Anatomy & Physiology 2500 Virtual Lab". A left sidebar contains a navigation menu with links to Home, Lab Schedule, and various lab topics. The main content area includes a "Using Mastering Info Page" note, a "General Info" section with five bullet points, and a browser recommendation. The footer has a decorative banner with icons representing biology and the COSAM logo.

**AUBURN UNIVERSITY**

## Anatomy & Physiology 2500 Virtual Lab

Home  
Lab Schedule  
Lab 1: Histology and Terminology  
Lab 2 & 3: Skeletal System  
Lab 4 & 5: Axial Muscles  
Lab 6 & 7: Appendicular Muscles  
Lab 8a or 9b: Neuroanatomy  
Lab 8b or 9a: Neurophysiology  
Mastering

Using Mastering Info Page  
(Please Read before starting)

### General Info

- » You will need to print out your lab sheets before class (both virtual and wet). These will be found within their respective lab links.
- » Follow the instructions on the sheet and complete all the sections during your scheduled class time, or as Homework when indicated.
- » You will be using your lab manual, the class website, and the Mastering website to complete all labs.
- » All but the first wet labs will have an exit quiz at the end on the material completed in class. You should already be familiar with the material by completing the virtual labs. Come prepared with the spelling and names of the material to ensure a good grade on the quizzes.
- » All of the virtual labs have class work that must be completed and "Submitted" by the end of the class time to get your points for that lab.

We recommend that this website be viewed in the latest version of **Firefox** or **Chrome**. Some elements on this site may not work well in other browsers.

*Last Updated: Jan. 10, 2012*

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# Lab Web Page

Here you will find the lab schedule– keep an eye on this so you know when to come to lab, and what to prepare.

**Know if you are A section or B section**

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**Anatomy & Physiology 2500 Virtual Lab**

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# Lab Web Page

General info, and links to the Mastering and Lab Info presentations

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# Lab Web Page

A link to the Mastering A&P website

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Anatomy & Physiology 2500 Virtual Lab

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# Lab Web Page

And a link to a page for each of the labs

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Anatomy & Physiology 2500 Virtual Lab

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Ex. Clicking on Lab 1 brings you to the Lab 1 page.  
On the Lab pages you will find all the in house web content for that lab.



AUBURN  
UNIVERSITY

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[Mastering](#)

### Lab 1: Terminology, Histology and Integument System

Lab Handout - needed before class

Histology Review

Complete the lab homework in the assignments area of Mastering before the next lab

Reminder: You will have a graded quiz online about this material at the beginning of your next lab period. Remember to log on in the first 10 minutes of your lab sections so you do not miss it.

*Last Updated: Jan. 10, 2012*



# Lab assignments in Mastering A&P

**The assignment folders in Mastering A&P will open on your lab day and are due the night before your lab day, of the week noted in your lab schedule.**

**After you finish an assignment make sure that your points are awarded on your scores page on mastering. If not you may not have summited everything.**

**Completed assignments will remain available for you to study from all semester, but answers will not be able to be changed after they are submitted.**

**All lab material on the class website and the resources on mastering are available to you all the time. Use them**

# Lab assignments in Mastering A&P

**The assignments are designed to help you learn the material, not just to be completed or rushed through. Really try to understand what is being asked and why the answer is what it is.**

**Inside the assignment folders you will find a mix of questions, activities, experiments, and lecture material.**

**Interactive lectures or experiments will be one item with a **link** in the introduction and then a group of associated questions all within the same item.**



# Lab assignments in Mastering A&P

This link needs to be **clicked on** and completed before answering the questions.

## AP 2 Lab 5 Interactive Physiology 1: Cardiovascular System: Anatomy Review

Complete the interactive physiology exercise (by clicking on the link below) and answer the following questions

1

[Anatomy Review](#)

Please make sure each page is complete before moving on to the next page. Sometimes it takes a minute to load and pauses in the middle.

### Part A

2 What are the two large vessels that transport blood to the right atrium?

- ☐ Pulmonary veins (left and right)
- ☐ Superior and inferior vena cava
- ☐ Aorta and pulmonary trunk

Submit

My Answers [Give Up](#)

All lectures /experiments need to be completed and the material / concepts learned. All information is acceptable question material on a quiz or practical. Do not just answer the questions in the item that go along with them and expect that is all you need to know.



# Lab assignments in Mastering A&P

**As the assignments are to help you learn– you need to work on each item in the assignment until you get the correct answer.**

**You have as many attempts as you need. But you have to get it correct to move to the next item.**

**You do loose 2% for that item with each wrong answer, this does NOT effect your lab points for the assignment but will for consideration of bonus points (more info coming up)**

**You will work through all the items until you get to the end of the assignment where you will receive your lab points for completing the assignment.**

# Lab assignments in Mastering A&P

The last item in each folder is to give you your lab points, it simply asks

“Did you complete all the activities in the folder” Make sure you answer YES and **submit** it to get your points.



The screenshot shows a web interface for Mastering A&P. At the top, there are two tabs: 'Lab 1 Homework' and 'All Labs Did you finish?'. The 'All Labs Did you finish?' tab is active. Below the tabs, the text 'All Labs Did you finish?' is displayed. Underneath, there is a section titled 'Part A' with the question 'Did you complete all the activities in the folder?'. Below the question, it says 'Answer yes to get credit for the folder'. There is a radio button labeled 'Yes' which is selected. Below the radio button, there is a red circle around the 'Submit' button. To the right of the 'Submit' button, there is a link 'My Answers' and a link 'Give Up'.

Keep a close eye on your mastering points on the score page of mastering, contact your TA if you are missing point ASAP.

# Lab assignments in Mastering A&P

Do not just click through the questions to get through them— really try to work out the correct answer. To help you do this--- if you maintain **90% or more on all the individual items** (not the lab points) you will get a bonus 5 points at the end of the semester. 😊 **So think before you click**

You will get your lab assignment points for completing all of the questions regardless of your percentage- this is just for the bonus points. If you slip up on one question do not loose hope of the bonus points you never know what we may allow so **always try** to remain above 90%

If you are late with an assignment it is best to finish it- You could still get the bonus if all the question remain above 90%

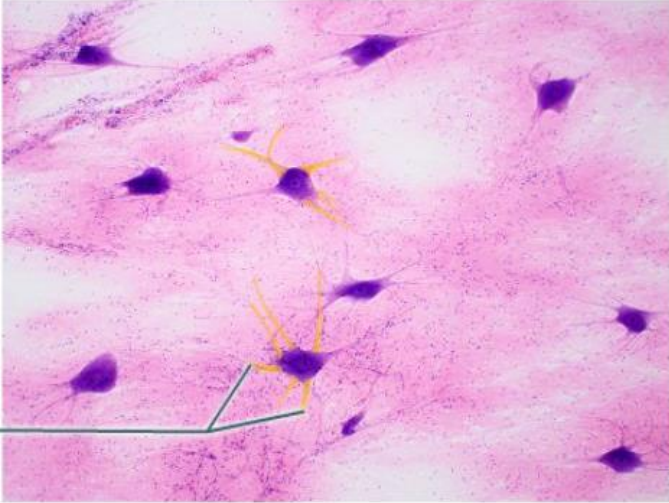
# Lab assignments in Mastering A&P

**DO NOT** use the “**give up**” option

Not for **ANY** Reason.

I can not remove it but you are **not** allowed to use it,

Lab 1 Homework > AP 1 Lab 1 Practice Question 3



Identify the highlighted structures.

cell arms

Submit My Answers Give Up

Try Again

The image shows a histological section of nervous tissue with several neurons. The cell bodies (soma) are stained purple, and their processes (dendrites and axons) are stained pink. Two specific processes are highlighted with yellow lines. A green line points from the text 'cell arms' to these highlighted structures. The 'Give Up' button is circled in red.

## Lab assignments in Mastering A&P

Using the “**give up**” button will cause you to lose your lab points for that **assignment** (yes all of them)

**And**

Will give you a 0% on that question thus taking you out of the running for the bonus points.

If you are having trouble with a question contact your **TA– DO NOT** use the give up button to move on.

No excuses will be taken

# Lab assignments in Mastering A&P

**Use your lab sheets, lab web page resources, and lab manual while completing the assignments. All answers are in there, really.**

**If you are stuck on a question DO NOT get frustrated and write in random answers (especially things you do not need to know– they will never be the answer)**

**Do follow the steps on the next two slides**

**If you are really stumped on a question e-mail (not canvas message) your TA and they will get back to you during the designated times. DO NOT leave this to the last minute and expect a reply from your TA at 11:50 the night it is due. When e-mailing include your lab section, and your A or B designation.**

**DO NOT USE THE GIVE UP BUTTON**



# Steps when stuck on a Mastering Assignment Question

1. Re-read the question, are you answering what is being asked or just what you think is being asked. Open any hints with the question.
2. Have you spelled your answer correctly (the computer needs it exactly)
3. Are you using the complete names as written on the lab handout?
4. Check the answers you have written (do not repeat exactly what you have it won't be right the second time either) check for typo's

# **Steps when stuck on a Mastering Assignment Question**

**5. Is the answer you are trying to give actually something that you are required to know? You only need to know what is on the lab handout—if it is not something you need to know it will not be the correct answer. All answers are from the lab handouts (or items the handout tells you to know)**

**6. Still not helping then take a breath and re-think your answer, use your lab web page materials to figure out the answer. Remember everything is individual and not everything will look exactly alike, the questions will give you different views of what you are studying so you can start to get the concept of the items- not just learn one picture. Try to get a feel for what you are being asked about—it will only help you on quizzes and tests.**

**7. Again remember email your GTA for help if still stumped.**

**Do not use the give up button.**

# Lab Practical Practices

**About a week before each lab practical a practice folder will appear in your assignments area in Mastering.**

**This is not for credit, you can skip around in any order and you can use the give up button.**

**This folder is strictly to help you study for the exams and it is up to you if you want to do it or not.**

**It can be reset after you complete it if you would like to do it again. This can be done by emailing your GTA and asking them to reset it for you.**

# **Remember:**

**All of the virtual content is to help you learn the material needed for your wet labs.**

**Make sure you keep up with the assignments and the schedule so you are ready for exit quizzes and practicals.**

**Review your material daily there is a lot you are responsible for and trying to cram before the tests will not work.**

**Your virtual material gives you a plethora of materials so use them and HAVE SOME FUN as well.**