Introduction to the Anatomy Lab

Biol 2325
Lab Rules

● Be on Time!
  ○ Quizzes start at the very beginning of lab.

● If you need to attend another lab you MUST have a very good reason and a note from Mark Nielsen.
  ○ NO EXCEPTIONS
  ○ Bring it to the Lab Leader
Lab Rules

● All bags and coats must be put away
  ○ Coats can be hung on the hooks
  ○ No backpacks on hooks
  ○ Bags can be stored under desks
  ○ We will be rotating around the room and need areas cleared.

● No Food or Drink Allowed!
  ○ Water is OK
  ○ We don’t want to find a Junior Mint in someone’s Aorta and mistake it for a fascinating new structure.
Lab Rules

● No Cameras – No exceptions
  ○ We have an agreement with the Body Donor Program and cannot release any unapproved photography of the pieces.
  ○ If pictures of the bodies are taken and released, we could lose our contract and miss out on this amazing opportunity we have in the anatomy lab.

○ No Cell Phones
  ○ Do not carry phones with you.
  ○ Make sure they are turned OFF!
  ○ You may be asked to leave if you have one.
Lab Rules

● Care for the Cadavers
  ○ DO NOT point with pens or pencils EVER!
    ■ This can leave permanent marks on the skeletal materials or holes in the cadavers
  ○ Hundreds of hours go into dissections
    ■ Respect the work that others have done to present us with beautiful, clean dissections.
  ○ As undergraduate students we are extremely fortunate to have access to a cadaver lab, let alone one of this caliber. Appreciate it and take advantage of this learning opportunity.
Lab Rules

● Feeling faint? Sit down!
  ○ The last thing you want to do is to pass out in the Anatomy Lab where the people who are helping you are also examining your wound for cool anatomy.
  ○ The majority of people who pass out tend to be the more “macho” type, because they are not willing to sit down and accept their own physical reaction.
  ○ The lab leaders are familiar with what to do in the event of someone becoming sick in the anatomy lab.
Lab Rules

- Bring your own gloves
  - We will NOT be providing you with latex/nitrile gloves, so if you desire you may bring your own gloves every week.
  - The chemical used to preserve and moisten the bodies is an extremely dilute solution of 2-phenoxyethanol and water (95 parts water to 5 parts 2-phenoxyethanol). It is safe and odorless and helps keep the bodies moist and preserved.

![2-phenoxyethanol molecule](image)
Tools for Success

- Let learning take care of the grade, you just take care of the learning.

- Lab Manuals
  - Lab Manuals are online
    - You can find it through the course website or
Tools for Success

- **Lab Manuals**
  - **Structures to identify for quiz**
    - Located on Page 11 in the Manual for the first quiz
    - Use your Atlas CD to find the structures
  - **Structures to identify in lab**
    - Located on page 13-14 in the Lab Manual is the first week’s ‘lab structures to identify’.
    - All of these structures may not be covered in lab, but they are present on the Atlas CD and you are required to know them for practical exams.
Tools for Success

- We highly recommend that you print out the lab manual but we do not recommend that you carry it around with you during lab. There are forms available in the back of the room to write down notes from that lab.
Tools for Success

● Workbook
  ○ Practice exercises in the back of the workbook
    ■ Use these exercises for studying for lecture material
    ■ Commit to these practice exercises and they WILL benefit your grade.
  ○ Pelvic Model found in the back of the workbook
    ■ A step by step instruction packet is located in the back of the workbook for cutting out a paper pelvic model and putting it together.
      ● This will be turned in and graded on Lab 7, so feel free to get a head start. Stay tuned for more info throughout the semester. Time required: 2-3 hours.
Tools for Success

- **Office Hours:**
  - Mark Nielsen: Tuesday & Thursday 9:30-11:30 am
    - Location: In his office
  - TA’s: See courses website
    - Location: In the atrium of the first floor of the South Biology building by the vending machines.

- **SI sessions:** see courses website
Lab Format

● The Quiz will begin at the very beginning of lab.
  ○ Be on time as TA’s CANNOT GO BACK to a previous question
  ○ Ten questions per quiz, each worth $\frac{1}{2}$ point.
    ■ Five points total
  ○ The last 5 questions will be review questions starting the 3rd week of labs
    ■ No review questions the first day of lab
    ■ Only three review questions the 2nd week of lab
  ○ No make-up quizzes without a note from Mark Nielsen (must have a legitimate excuse)
  ○ Quizzes will be graded and returned the following week.
Lab Format

● You will be split into 5 groups
  ○ Each week your group will work with a different TA.
  ○ Each rotation is 15-18 minutes.

● Practica
  ○ Lab 8 and 10 are BONE practica, worth 5 points each.
  ○ Lab 7 is a Soft Tissue Mid-Term practicum, worth 10 points
  ○ Final Practicum is worth 70 points.
  ○ Lab is worth 150 points, which is 30% of final grade. It is important to do well in the lab section.