

# HUMAN ANATOMY – BIOLOGY 2123 – SUMMER I - 2022

## LABORATORY INFORMATION & POLICIES – ALL SECTIONS



Figure 1 ASU Logo

### Instructor Information

MS. Christie L. Adkins, M.S.

Office: 118-B, Raymond C. Cavness Science Building, first floor

Phone: (325) 486-6633 or 942-2189 (Bio. Dept. Office)

E-Mail: [christie.adkins@angelo.edu](mailto:christie.adkins@angelo.edu) (Preferred) Please include 'Bio 2123' in the subject line. If the email subject line is different from that stated above, your email will not receive a reply. Also, please include your name AND ASU ID# in the body of the email.

**Office Hours: Tue -Thurs 1:15 – 3:15 PM or by a mutually scheduled time. ALL meetings are first come, first serve AND must be set up AT LEAST 24 hours in advance. In other words, you MUST set up any appointment via email during or outside of office hours 24 hours before the requested meeting time.**

**LAB OVERVIEW & LEARNING OUTCOMES:** Anatomy is the ABC's of biology. It is fundamental and absolutely essential in understanding biology and an integral part of many other disciplines (physiology, medicine, kinesiology, psychology, allied health sciences, nursing, *et cetera*). Laboratory exercises provide the real learning experience in any anatomy course and serve to illustrate, validate, and reinforce what you learn in lecture. ***As a successful student in anatomy lab you should be able to locate, identify, and functionally describe the structures of the human body and the physical relationships among them at all levels of organization using various investigative and collaborative techniques.*** You will achieve these learning outcomes, through dissections, examinations of models & slides, lab activities, and examining the three-dimensional relationships among various structures of the body. Lab practicals and quizzes will assess your knowledge and comprehension of these outcomes. This semester you will dissect a mink, sheep heart, sheep eye, and a sheep brain that are all remarkably similar to their human counterparts. In addition, you will also examine histological preparations of many organs and tissues, as well as models, and charts. You will be notified in advance when you will need to bring your dissecting kit and gloves and wear old clothing.

Since Anatomy is taught in an academic setting, it requires a great deal of conceptual understanding and rote memorization...And *although most of anatomy is conceptually straight forward, the amount of material & unfamiliar terms make it a seemingly difficult subject. Do not think cramming will work. You must prepare for class & study nearly every day to earn the grade you want. This requires you to PDA... practice perfectly, maintain discipline to study, and possess a positive attitude about the course.* Any deficiency in these learning characteristics may affect your grade. Therefore, to achieve the course goals and help maximize your learning, it is **vital** that you attend lab, come prepared, focus your efforts, make use of the full period, and study the material outside of lab everyday. Finally, be sure to ask for help. We're here to help you learn!

**COURSE CONTENT & RIGOR:** College-level human anatomy courses may include controversial, sensitive, and/or graphic adult material related to the study of the human body and in examples of clinically relevant scenarios. Students are expected to exhibit maturity, respect, sensitivity, and tolerance towards all members of the class and the instructor. Students are also expected to demonstrate college level readiness and preparedness for the rigor of the course content.

### REQUIRED COURSE MATERIALS:

- **Required** – Reliable Wi-Fi and broadband internet access. This will be used for accessing all materials on the Lab Blackboard and Top Hat platforms.
- **Required** – access to <http://blackboard.angelo.edu> ALL course materials and assignments for lab will be distributed this way. If you do not want to print out a plethora of images or the Summary Wordlists each day, be sure to bringing a laptop or tablet to class
- **Required** – *Kapit and Elson (2014) The Anatomy Coloring Book 4th edition*. Bring this to lab EVERY DAY. It is a great resource to use to identify structures in lab, while also studying these same structures for lecture.
- **Required** – *Top Hat Response System* – This is the same mobile/electronic device driven platform that you will use in lecture for attendance, quizzes, readings, and homework activities. In lab it will be used for attendance, in lab quizzes, and various self-assessment homework activities. If you plan on taking BIO 2324/2124 next semester, purchase Top Hat for a year. There is an app for both android and apple based smart phones. Be sure to bring your smart phone, tablet, or laptop to lab EVERY DAY to access Top Hat.
- **Required** – Non-sterile surgical dissection gloves (you will need these on the first day of lab for the Rat Dissection)
- **Optional** – Standard Human Anatomy Dissection Kit (again **optional**...instructors will provide most dissection tools)
- Since lab material will be routinely distributed via the web, you are required to have internet and Blackboard access, and an official ASU email account. All communication will be through these media. ASU provides these services free at any of the computer labs on campus. Call the ASU Technology Service Center at 325-942-2911 for technical assistance.

**LAB ASSESSMENTS & GRADING POLICY:** You will have the opportunity to earn 525 points in the lab portion of this course. Your grade will be determined by the total number of points you accumulate on **3 practical exams** administered at the beginning of the lab period (see schedule) and on in-lab activities that are participatory in nature.

- **Practical Exams** are designed to assess your knowledge and comprehension of the course content, motivate you to keep up with your studies, and reward you for doing so. Practical Exams are tests where you identify labeled structures, locations, functions, etc. from models, dissections specimens, charts, and microscope slides at various stations distributed around the lab (no word lists). **The information you are responsible for learning for all lab practical exams is listed in the summary word-lists on Blackboard.** Please speak with your lab instructor if you are unfamiliar with this type of assessment format. You are required to arrive on time and follow the guidelines posted in the ‘general lab rules’ below. If you arrive late for a practical exam you will not receive any additional time to complete it.
- There will be 5 quizzes worth about 25 points each. These will be announced in lab (see schedule too) and cover materials seen either prior to, immediately after the quiz or both.
- Depending on your instructor, grades may or may not be posted on Blackboard, so it is your responsibility to keep up with them. Practical exams will be graded by your lab instructor or an assistant and returned the next lab period.
- There will always be a laboratory exercise that follows the practical exam.
- Due to space constraints, practical exams may be administered on a time-delayed basis. You will be responsible for attending the practical at your assigned time. Your instructor will provide you with more information about these procedures during lab.
- You are required to arrive on time and follow the guidelines posted in the ‘general lab rules’ below. If you arrive late for a practical exam you will not receive any additional time to complete it.

**GRADE DETERMINATION:** Your lab grade is based on points, not percentages. Your lab grade is combined with your lecture grade to determine your overall grade in the course. At the end of the semester all points (lecture and lab) are added together. The following assessments are how you earn points in lab.

*Table 1 Point Determination*

LAB Assessment	Maximum Points Available
<b>Lab Practical Exams</b> - 3 practicals @133.33 points each – fill in the blank questions based on the summary word lists on Blackboard	<b>400 points</b>
<b>Lab Quizzes</b> – a series of Top Hat quizzes will be administered at the beginning/end of lab to assess your understanding of material and to help you keep up with your studies	<b>125 points</b>
<b>TOTAL LAB POINTS</b>	<b>525 points</b>

**ATTENDANCE POLICY: Attendance is mandatory. Attendance will affect your grade in the course.** You are required to come prepared, attend lab for the full time each day, and spend time in the open lab periods. The volume of material makes it critical that you make every second in lab, quality study time. Students who goof off, whine, or consistently leave early, usually do not perform well simply because their efforts are not focused on studying. Quizzes and attendance will be administered at the beginning and/or end of the lab period via signatures or Top Hat. To receive credit for your attendance, you must stay for the entire lab. Excessive absences will be reported to the Registrar’s Office and Financial Aid.

- You must also attend the lab for which you are registered.
- Labs cannot be made up except under extraordinary circumstances (see make-up policy below). Only excused absences, acknowledged by the university catalog, will be considered for make-up, and will always be subject to written verification. If you know now that you will have work or other conflict with your scheduled lab time, you should do one of the following immediately: (1) Go to the registrar’s office and drop this lab section and then add a lab section with no work/lab conflicts. (2) Change your schedule. (3). Drop this course.
- Labs will always be held after practical exams.

**Make-Up Labs & Practicals.** Please note, lab changes every day in the summer. Because of this, labs and lab practical exams are very difficult to make up, since it is only given once and torn down the next day to make way for new lab material. In order to make-up a lab or practical exam, you must first contact your instructor immediately and provide them with a written, valid, university recognized excuse that is verifiable. (Your instructor may or may not give you permission to make-up the lab based on the validity and verifiability of your excuse). The format of any make-up practical exams will be left to the discretion of your lab instructor. Because practical exams take several hours to set up, it will likely be drastically reduced in the number of questions asked. In the event that your instructor decides your absence is excused, you will determine together which lab you will attend to make-up the lab you missed and obtain permission from the instructor of the other lab. Failure to follow these procedures will result in a 0 for the practical.

**SPELLING COUNTS.** You will be expected to spell all terms correctly on all practicals. One-quarter to full credit will be taken off for spelling mistakes. For example, if it changes the meaning of the word, full credit will be taken off (e.g. humerus vs. humorous). Any partial credit for almost correct answers will be awarded at the discretion of your instructor. Besides the basic reason of education, why does spelling count? Confusion may arise from imprecision. Many anatomical/medical terms are similar—they may even have the same Latin & Greek roots. Would you like your pharmacist to misread your prescription? A misspelled word on a patient's chart can lead to a disaster: legal as well as health-wise. Besides your own health or a patient's, there's another very practical reason: it may hit your pocketbook—in **all** jobs, written communication is important in making a good first impression. Would you hire someone whose application is full of spelling and/or grammatical errors? Here's an example for nurses enunciated by a colleague: "I tell them they could be the world's best nurse, but if they have misspellings on their charts, those reading the charts (including the doctors) may mistrust their abilities and intelligence. Because physicians often first 'meet' the new nurse on the floor through written reports, the opinion may be made before they actually meet. Once this opinion exists, it is very difficult to overcome. You only get to make a "first impression" once! This could even lead to poor efficiency reports and to being passed over for promotions."

**REGRAIDING PROCEDURES:** Every effort is enlisted to ensure accuracy and consistency in grading; however sometimes mistakes do occur. An answer key of each quiz and practical exam will be made available and your paper will be returned to you. You are encouraged to carefully review the key. To report grading errors regarding your practical exam, or grade, you are required to follow the Procedures for Regrading shown below.

**Procedures for Regrading:** Read and follow the instructions below.

1. If the error is strictly a mathematical error: staple a note to your quiz/exam which reads "math only" & turn it in to your instructor for a grade recalculation.
2. If you believe you have found a grading error:
  - a). study the key before you request that any question(s) be re-graded. Remember a 1-point error is at best only .002 points out of 525.
  - b). remember that the practicals are scanned/photocopied immediately after you turn them in (e.g. We will know if you have changed an answer). It is an expense we wish we did not feel compelled to bear.
  - c). you must clearly state your reason(s) for thinking the question has been graded incorrectly in a neatly written, attached note. "Question X is graded wrong or I deserve more points on question Y" are not reasons. This means we expect a clearly delineated/thoughtful reason based on verifiable, factual information that your answer is correct (i.e. from a reputable source like your text). We expect a short paragraph for each error along with specific page references.
  - d). staple your justification to your quiz or practical and turn it in to your instructor. Your instructor will be very fair and accurate, but the entire quiz/practical will be re-graded AND if the resulting grade is lower than the previous, the second grade will replace the first. Re-graded quizzes/practicals will be returned the following week.
3. The deadline for requesting any recalculating or regrading is the same day following the return of the quiz/practical. No Exceptions.

**GENERAL LAB RULES & INFORMATION: All students are required to read and follow the lab rules:**

1. Student behavior in the lab is to be maintained in a manner conducive to learning and study. No horseplay, rough housing, or any type of disruptive behavior is allowed in the lab at any time. Likewise, no degrading or offensive language will be tolerated. You will be asked to leave and subject to further disciplinary action if you are disruptive in any way.
2. You must attend the lab for which you are officially registered. No switching is allowed no matter what the reason.
3. No children are allowed in the lab at any time. This means during regular lab times and open review sessions.
4. You are not allowed to remove any materials from the laboratory. You must always return materials to their proper place.
5. Food, drinks, and all tobacco products are not allowed in the laboratory. You may take breaks at your discretion outside the lab.
6. You are expected to treat the human bones, models, slides, and materials with the utmost respect. Any person caught defacing, throwing, carelessly handling, etc., these materials will be asked to leave the lab immediately and subject to further disciplinary action from the university.
7. Dissection wastes and other "scraps" should be discarded in the designated containers only. Do not put them in the sinks.
8. At the end of each lab session, each lab group is responsible for cleaning their work area. You must clean the table with soap or other materials provided and water. You must also clean your dissection tools and tray anytime they are used and return materials to where you found them. You will not be allowed to leave lab unless your table is cleaned and your stools are pushed under the table. **Up to 5 points may be deducted from every member of your lab group each time your area or the lab is not cleaned properly.**
9. Electronic devices such as cell/smart phones, laptops, tablets, smart watches, etc. are not allowed to be used during the practical lab exams. You will not be allowed to carry them during practical exams. No exceptions. **If they go off during lab a lab quiz, 5 points will automatically be deducted from your point total for each incidence after an initial warning.** AGAIN, electronic devices are not allowed during practical exams and carry a steeper penalty (see #11 below). You may use digital cameras or other recording devices if you wish during open lab or during regular lab time to have images or recordings of lab models and/or dissections.
10. No form of academic dishonesty will be tolerated. Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is contained in both print and web versions of the Student Handbook.
11. **Practical Exam Days** On practical exam days, you are expected to adhere to the following guidelines: Place all your books, backpacks, purses, caps, etc. at the front of the room (or in a separate room if provided). If you have something of value that you are concerned about, do not bring it on test day. Wear no hats or sunglasses. Electronic devices such as cell/smart phones, laptops, tablets, smart watches, graphing calculators, recording devices, etc. are not allowed. You must keep those devices with your belongings at the front of the room (i.e. you will not be allowed to carry your cell phone or smart watch, etc. during the practical). **You will receive an automatic 0 if you carry your phone or they go off during a practical exam. You must also adhere to the explicit examination instructions given by your instructor (subject to point deduction penalty).**

You will also not be allowed to leave during the exam. If you leave, you will have to turn in your exam. Please see your instructor before the

first practical, if you anticipate any problems with the procedures outlined above.

12. **OPEN LAB RULES** **Open Lab Rules:** Open Lab will be available Monday and Friday 10am-9pm in 125/131; TWR 1-9pm (in 131); TWR 4:30-9pm (in 125) except as needed to setup practical exams. During open lab you may come and go as you please. However, you must always follow the lab rules posted above and below. If these procedures are not followed or the privileges are abused in any way, the unsupervised study will be discontinued permanently. If you are unable to attend open labs, please be aware there are digital images available (of most items) on your lecture instructor's **Blackboard site**. During some lab hours (TBA) a free tutor or SI instructor may be available for help and assistance.

#### OPEN LAB RULES YOU MUST OBEY

- **The lab rules printed above must be followed.**
- **The lab is for study only! (no socializing, etc.).**
- **Nothing should be removed from the lab...ever!!!**
- **Lab materials must be returned to where they were found.**
- **All trash must be thrown away.**
- **The lab must be kept neat and clean.**
- **All materials must be handled carefully and with respect.**
- **All students must help us police the lab.**

*Let us know immediately if there are problems before we have to take immediate and permanent action. We heavily stress the tenuous nature of the agreement with each of you. We expect every student to behave like an adult and follow the rules. All instructors will be keeping an extremely close eye on things and taking inventory nightly. Because of problems encountered last year, this is the best that we can do under the circumstances.*

**WHAT WILL ANATOMY LAB BE LIKE?** Anatomy lab is a combination of formal instruction, group work, and independent study. Your instructor will provide introductory comments about tasks, assignments, and materials distributed around the lab. You will then be encouraged to work through lab activities to identify and locate key structures on models, slides, and dissection specimens based on the summary word lists and instructions posted on Blackboard. The instructor will assist each lab table with the material. Your instructor is willing to work with you as needed, but it is your responsibility to focus on the tasks, activities, and materials so that her/his attention may be focused on your particular task at the time. You are therefore encouraged to generate a list of questions for the instructor, so she/he may help you when she/he stops by your table. This requires self-motivation and the proper attitude toward learning. We are here to help you learn, but you must do your part too. (We can't learn it for you, nor can we take your exams).

As a supplement, many students find it helpful to download the pictures of the required models/slides on-line and bring them to lab to label. These are important study strategies because it frees up your lab time so you can review models, slides, and specimens. Some students prefer to work alone, but many successful students find that working with 1 or 2 other committed/motivated people helps them to learn the material faster and better. We agree.

Sometimes, you will be working in groups of 3-5 people during dissections. You do not have to touch or handle specimens, but you are still responsible for the dissection material. Further...someone at your lab group must be willing to conduct the dissection. Those who do not participate directly in the dissection will be assigned other lab duties like cleaning up, reading instructions, preparing dissection tools etc. Therefore, it is advised that students organize their groups in such a way that there are an adequate number of students willing to participate in all required activities.

**WHAT DO I NEED STUDY?** In lab you are required to always come prepared by reviewing material in advance. You are required to study the lab summary word lists posted on Blackboard. These will serve as the basis for all your quizzes and lab practical exams.

**WHAT DO I NEED TO DO TO EARN AN A?** The fact that you're reading this shows that you have the potential to be an "A" student. In fact, we would like for every student in this class to earn an A. Read that again Shocking isn't it? Yes, believe it or not we want you to do well and if you're reading this, we sincerely believe you have the potential to do so in this lab. We will do everything in our power to help you **earn** the grade you want, but you'll have to do your part too which means **studying** for complete understanding and **learning** beyond just memorizing the facts.

Anatomy is conceptually easy to understand, but learning it requires much effort on your part. Many students after an exam say, "but I *knew* the material," or "I even studied for 8 hours," and are truly bewildered by a grade lower than they anticipated. The problem is that there's a big difference between understanding something you hear and/or read and knowing it. Understanding is what has to come first, but knowing is beyond even that. Knowing requires being able, without reference, to (1) repeat what you hear/read, accurately and completely, AND (2) use what you've heard/read to figure out things you've never seen before at all! In other words, *using* what you know. Don't let time dictate your studying; let learning. Study until you "learn" the material, no matter how much time it takes. Also consider that knowing requires a degree of familiarity and usefulness of the material that cannot occur overnight. Cramming just doesn't work. Also, don't be deceived by the large amounts of free time in your schedule. They simply do not exist. The general rule of 3 hrs of outside study a week for each hour of course credit is no joke. Such experiences have led to the classification of a person carrying 12 semester hours as a full-time student. Here are some examples:

- 3 hours of outside study/hr of class x (12 class hours) = a 36 hour work week outside class + 12 hours in class = a 48 hour week (i.e., **College is a full time job!**).

- Or to put it differently **75%** of what you accomplish is **done on your own**. This may be vastly different from your experience in other courses. You therefore must accept responsibility for much of your own learning.
- This means for anatomy, you need to study 12 hours a week! Read that again...Yep, that's what it takes.
- If you work a part-time job, you are just doubling or even tripling your work load. Time management is therefore crucial to your success. To study 12 hours a week we suggest getting a calendar, marking all your exam dates on it, and preparing a weekly schedule of study/play/work time.

So how do you become an "A" student? Well it really is simple isn't it? You must come to lab and you must study...**for learning**. Seems easy enough to say, but is often more difficult to put into practice. The feeling of being lost or overwhelmed by the material is not uncommon. Neither are the feelings of uneasiness and frustration. A positive attitude is difficult to maintain when frustration rears up. If you are unfamiliar with how to study for a science course, see your instructor for help or use the study tips posted on your lecture instructor's Blackboard site.

**Angelo State University – Honor Code:** *ASU expects its students to maintain complete honesty and integrity in all of their academic pursuits. Students are responsible for understanding and following the Academic Honor Code as outlined on the university's web site and in the Student Handbook. In other words, don't cheat.*

**Special Needs/Disability Statement:** *Persons with disabilities which may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, in order to request and to implement academic accommodations.*

**Withdrawal From the Course:** Contrary to what many students believe, you are not automatically withdrawn from a course if you cease to attend lectures or labs. If you wish to discontinue participation in human anatomy lab, you must formally withdraw by seeing your **lecture** instructor. Dropping the lecture automatically drops the lab, no separate drop slip is necessary. Failure to follow this procedure can result in a grade of F appearing on your academic transcript. **The last day to withdraw from classes for SUMMER-I 2021 semester is Monday, June 27<sup>th</sup> by 5:00 PM.**

Enjoy the Calvin and Hobbes cartoons and heed their implied messages.

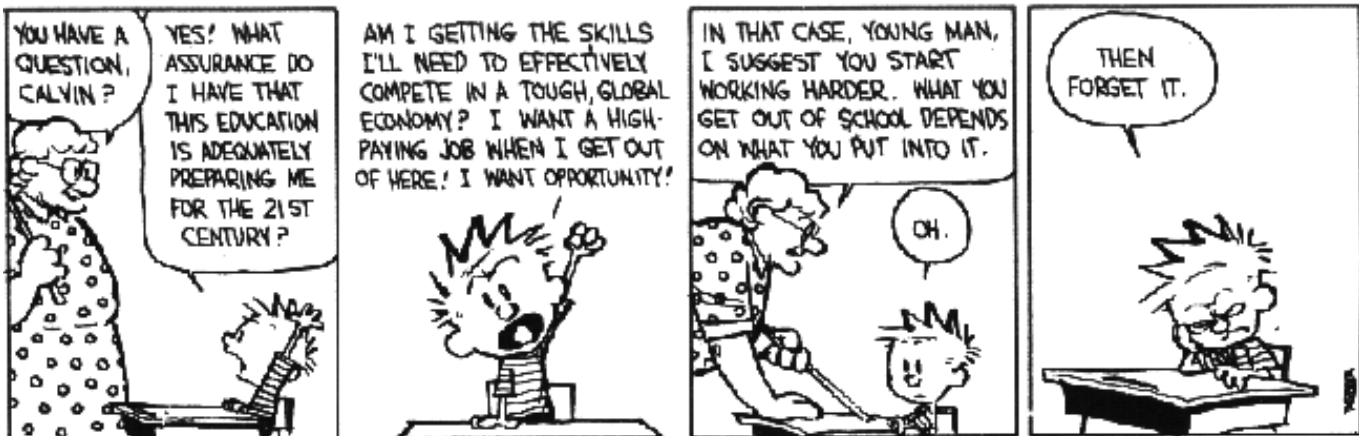


Figure 2 Calvin and Hobbes Cartoon

**LAB SCHEDULE:** For all assignments, activities, quizzes, and lab practical exams, please refer to the Lab Schedule on the following page.

**\*\*Please note:** Practical Exams are given at the beginning of lab. No extra time will be given if you are late. Lab exercises will always follow the practical exam. You are responsible for bringing relevant materials for lab study (e.g. text, coloring book, summary word-lists, dissection instructions, dissection gloves).

## Human Anatomy Tentative Lab Schedule Summer I 2022

Table 2 Tentative Lab Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
<p><b>OPEN LAB</b> 10am-9pm</p> <p>All open lab rules must be followed or open lab will be closed permanently!</p> <p style="text-align: right;">(June 6<sup>th</sup>)</p>	<p><b>1. Introductory Lab</b> Policies, Procedures, Introductory Material, Models, Slides</p> <p><b>Rat Dissection</b> (bring your gloves)</p> <p><b>Begin Tissues &amp; Integument</b></p> <p style="text-align: right;">(June 7<sup>th</sup>)</p>	<p><b>2. Tissues &amp; Integument Cont'd</b></p> <p>Models &amp; Slides</p> <p><b>Tissue Slide Show</b></p> <p><b>Review for Quiz 1</b> (June 8<sup>th</sup>)</p>	<p><b>3. Lab Quiz 1 (Intro. to Integument SWL)</b> <b>Lower Extremity, Anter. &amp; Poster. Trunk Osteology &amp; Myology</b> Bone Name, Side of Body, Surface Markings</p> <p>Mm Name, Action, Innervation</p> <p><b>Models &amp; Slides</b> (June 9<sup>th</sup>)</p>	<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Lecture Exam 1</b></p> <p><b>Study Lab Material during open lab</b></p> <p>All open lab rules must be followed or open lab will close.</p> <p style="text-align: right;">(June 10<sup>th</sup>)</p>
<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Study Lab Materials Review for Lab Quiz 2</b></p> <p>All open lab rules must be followed or open lab will be closed permanently!</p> <p style="text-align: right;">(June 13<sup>th</sup>)</p>	<p><b>4. Lower Extremity, Anter. &amp; Poster. Trunk Mm &amp; Bone</b></p> <p><b>Review for Lab Practical</b></p> <p><b>Lab Quiz 2 (Lower Ex, Anterior &amp; Posterior Trunk SWL)</b></p> <p style="text-align: right;">(June 14<sup>th</sup>)</p>	<p><b>5. Practical Exam - 1</b> <b>150 pts covers Labs 1-4</b></p> <p><b>Mink Muscle Dissection</b></p> <p><b>Begin Upper Extremity, Head &amp; Neck Osteology &amp; Myology</b> Bone Name, Side of Body Surface Markings Mm Name, Innervation, &amp; Action</p> <p style="text-align: right;">(June 15<sup>th</sup>)</p>	<p><b>6. Upper Extremity, Head &amp; Neck; Cont'd</b></p> <p><b>Mink Mm Dissection</b></p> <p><b>Completed.</b></p> <p>If Upper Extremity, Head, &amp; Neck not completed in lab today, complete in open labs</p> <p style="text-align: right;">(June 16<sup>th</sup>)</p>	<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Lecture Exam 2</b></p> <p>All open lab rules must be followed or open lab will be closed</p> <p><b>Study Lab Materials during open lab</b></p> <p style="text-align: right;">(June 17<sup>th</sup>)</p>
<p><b>OPEN LAB</b> 10am-9pm</p> <p>All open lab rules must be followed or open lab will be closed permanently!</p> <p><b>Review for Lab Quiz 3</b></p> <p style="text-align: right;">(June 20<sup>th</sup>)</p>	<p><b>7. Lab Quiz 3 (Upper Extremity, Head &amp; Neck SWL)</b></p> <p><b>Sheep Brain Dissection</b> <b>Sheep Eye Dissection</b></p> <p><b>CNS/PNS &amp; Special Senses Models &amp; Slides</b></p> <p style="text-align: right;">(June 21<sup>st</sup>)</p>	<p><b>8. CNS/PNS &amp; Special Senses Cont'd</b> Models and Slides</p> <p><b>Review for Lab Quiz 4</b></p> <p style="text-align: right;">(June 22<sup>nd</sup>)</p>	<p><b>9. Lab Quiz 4 (Nervous System SWL)</b></p> <p><b>Review for Practical Exam 2</b></p> <p style="text-align: right;">(June 23<sup>rd</sup>)</p>	<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Lecture Exam 3</b></p> <p>All open lab rules must be followed or open lab will be closed</p> <p><b>Review for Practical 2</b> (June 24<sup>th</sup>)</p>
<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Review for Practical 2</b></p> <p style="text-align: right;">(June 27<sup>th</sup>)</p>	<p><b>10. Practical Exam - 2</b> <b>150 pts covers Labs 6-8</b></p> <p><b>Mink Resp/Dig System Dissection &amp; Models/slides</b></p> <p style="text-align: right;">(June 28<sup>th</sup>)</p>	<p><b>11. Mink Respiratory &amp; Digestive System Cont'd</b></p> <p><b>Sheep Heart Dissection</b> <b>Review for Quiz 5</b></p> <p style="text-align: right;">(June 29<sup>th</sup>)</p>	<p><b>12. Cardiovascular &amp; Lymphatic Systems</b> Models &amp; Slides</p> <p><b>Lab Quiz 5 (Resp/Dig. &amp; Cardio/Lymph. SWL)</b></p> <p style="text-align: right;">(June 30<sup>th</sup>)</p>	<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Study Lab Materials</b></p> <p style="text-align: right;">(July 1<sup>st</sup>)</p>
<p><b>OPEN LAB</b> 10am-9pm</p> <p><b>Study Lab Materials</b></p> <p style="text-align: right;">(July 6<sup>th</sup>)</p>	<p><b>13. Urinary/Repro/Endocrine Mink Dissection &amp; Models/ Slides</b></p> <p style="text-align: right;">(July 7<sup>th</sup>)</p>	<p><b>14. Practical Exam - 3</b> <b>and LAB Cleanup and Debriefing</b> <b>150 pts covers labs 10-13</b></p> <p style="text-align: right;">(July 6<sup>th</sup>)</p>	<p><b>NO LAB</b></p> <p style="text-align: right;">(July 7<sup>th</sup>)</p>	<p><b>Lecture Exam 4</b></p> <p style="text-align: right;">(July 8<sup>th</sup>)</p>

# Student Agreement Sheet-Human Anatomy

I, \_\_\_\_\_, (print your name) have read the information contained in the biology 2123 Human Anatomy lab syllabus for the **SUMMER I 2022 semester** at Angelo State University and fully understand the expectations and requirements for completing this lab successfully. In addition, I pledge to maintain the highest standards of academic honesty, integrity, and discipline while I am enrolled in this course. (Please turn this in to your LAB instructor).

LECTURE section (day & time)\_\_\_\_\_.

LECTURE Instructor's Name\_\_\_\_\_.

Academic Major\_\_\_\_\_.



Figure 3 Calvin and Hobbes Cartoon

Academic Classification\_\_\_\_\_.

ASU ID #\_\_\_\_\_.

ASU Email address and other email address you check regularly (required):

\_\_\_\_\_.

Phone # (optional)\_\_\_\_\_. In some rare cases I have found it necessary to contact a student.

*I acknowledge I have received and am responsible for the material contained in the syllabus.*

SIGNATURE:\_\_\_\_\_.

DATE:\_\_\_\_\_.