

BIOL 365L – Human Anatomy Laboratory – Spring 2023

1 Credit

Truman State University - Department of Health & Exercise Sciences

| | | | |
|----------------------|---|---------------|--|
| Instructor #1 | An-Di Yim | Office | 2111 Pershing Building |
| Phone | 660-785-7214 | Email | andyim@truman.edu |
| Office Hours | M @ 1:30 pm – 3:30 pm, TR @ 9:00 am – 10:30 am, additional time by appointment. | | |

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| Instructor #2 | Michelle Boyd | Office | 1214 Health Sciences |
| Phone | 660-785-4462 | Email | mboyd@truman.edu |
| Office Hours | | | |

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| Instructor #3 | Kaz Yanagi | Office | 1222 Health Sciences |
| Phone | 660-785-7351 | Email | kyanagi@truman.edu |
| Office Hours | | | |

Lab Location:

ATSU Administration Building/Couts Learning Center, 3rd Floor (Northwest Corner of Jefferson/Elson)

Drivers: park on street — not ATSU parking lot

Bikers: park at bike racks on west side (closest to water tower)

Required Texts

Course pack, available at the Truman Bookstore.

Suggested Texts

Any medical grade atlas (older editions should suffice):

Atlas of Human Anatomy, 6th ed. Netter, F. ISBN: 14557014180

Grant's Atlas of Anatomy, 13th ed. Agur, A., Dalley, A. ISBN: 1608317560

Atlas of Anatomy, 4th ed. Gilroy, A. et al. ISBN: 1684202035

Lab Regulations

- Refrain from the use of any cameras or recording equipment in the lab. Do not abuse it. Failure to comply will result in dismissal from the lab and failure of the lab section of the course. Please also respect TAs, peers, other individuals in the lab..
- Remember that the specimens are delicate. Be gentle with them. Cadavers don't grow on trees.
- Attending open labs is highly encouraged. Please attend only during the hours listed in the syllabus. Open lab hours are strictly reserved for individuals enrolled in the class. Do not bring friends, acquaintances, relatives, etc.
- The TAs are there to assist and aid you. They are very knowledgeable, but I will have the final word. Do not believe that everything they say is the absolute truth.
- Keep personal materials outside the lab in the hallway. There is not enough room in the lab.
- Specimens must stay in the lab at all times and are not to be removed.

Course Evaluation

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|---------------------------------------|----------------|
| Quizzes – 10*5 pts each | 50 pts |
| Terminology Quiz | 10 pts |
| <u>Lab Practicals – 4*50 pts each</u> | <u>200 pts</u> |
| <i>Total</i> | <i>260 pts</i> |

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| Quizzes | There will also be at least 10 unannounced quizzes throughout the semester. Each quiz is worth 5 points. Quizzes will occur at the beginning of the lab session. Quizzes cannot be made up. There will be approximately 15 total quizzes, and the lowest score will be dropped to calculate the top 10 total. |
| Terminology Quiz | The terminology quiz is designed to help make it easier for you to identify features and remember structures based on their name. The list of terms covered on the quiz follows in the lab manual. Ten definitions will be chosen from the list, and you will be required to write the term being described. This quiz will take place on the second day of lab. |
| Lab Practicals | Four practicals will occur during your lab time and you will be given the full lab session to complete them. They are each 50 points. The quizzes and full practicals are strictly based on feature identification. Lab practical are very difficult to make up. If you are healthy, don't miss a lab practical |

Grading Scale

A ≥ 90% B = 80% to 89% C = 70% to 79% D = 60% to 69% F ≤ 59%

Study Tips

- We cover a large amount of information. Know that going in and don't get behind. It will seem overwhelming; it can be, but it is also very manageable if handled appropriately.
- Find a study partner – it will be a great asset in this class.
- Do not just study out of your atlas. Make sure you come in to open lab and review what the specimen actually looks like. Features will look different in different cadavers.
- Understand relationships. Focus less on memorization of minute facts; focus on the big picture.

Policies

All policies: Attendance, Disability, Academic Integrity, Emergency Procedures, and Title IX are the same for lecture and lab.

BIOL 365L Human Anatomy Lab Schedule – Spring 2023

| Week | | | Content |
|------|---|-------|--|
| 1 | M | 01/16 | NO CLASS |
| | W | 01/18 | Introduction, Vertebral Column |
| 2 | M | 01/23 | Ribs, Pelvis (os coxa), <u>Terminology Quiz</u> |
| | W | 01/25 | Skull |
| 3 | M | 01/30 | Skull (cont'd), Hyoid |
| | W | 02/01 | Sternum, Clavicle, Scapula |
| 4 | M | 02/06 | Review |
| | W | 02/08 | <u>Lab Practical #1</u> |
| 5 | M | 02/13 | Humerus, Ulna, Radius |
| | W | 02/15 | Hand, Femur, Patella |
| 6 | M | 02/20 | Tibia, Fibula, Foot |
| | W | 02/22 | Spinal Cord, Back muscles |
| 7 | M | 02/27 | Posterior Brachium, Anterior Forearm, Palmar Hand |
| | W | 03/01 | Anterior Brachium, Brachial Plexus, Posterior Forearm, Dorsal Hand |
| 8 | M | 03/06 | Review |
| | W | 03/08 | <u>Lab Practical #2</u> |
| 9 | M | 03/13 | NO CLASS - Spring Break |
| | W | 03/15 | NO CLASS - Spring Break |
| 10 | M | 03/20 | Gluteal, Posterior Thigh, Posterior Leg, Plantar Foot |
| | W | 03/22 | Anterior Thigh, Knee, Anterior Leg, Dorsal Foot |
| 11 | M | 03/27 | Thorax, Lungs |
| | W | 03/29 | Heart |
| 12 | M | 04/03 | Review |
| | W | 04/05 | <u>Lab Practical #3</u> |
| 13 | M | 04/10 | NO CLASS |
| | W | 04/12 | Abdominal Wall, Abdominal Cavity, GI Tract, Abdominal Viscera |
| 14 | M | 04/17 | Kidney, Pelvic Contents |
| | W | 04/19 | Brain |
| 15 | M | 04/24 | Brain (cross section), Intracranial Cavity, Eye, Ear (+Ossicles) |
| | W | 04/26 | Face, Larynx, Neck |
| 16 | M | 05/01 | Review |
| | W | 05/03 | <u>Lab Practical #4</u> |

OPEN LAB SCHEDULE (@ ATSU)

Sunday: 3:00 – 9:00 pm

Monday: 5:00 – 9:00 pm

Tuesday: 5:00 – 9:00 pm

Wednesday: 5:00 – 9:00 pm

Thursday: 6:00 – 8:00 pm

Open lab will be closed on 2/8, 3/8, 3/19, 4/6, 4/9.

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|------|---|-------|--|
| 1 | T | 01/17 | Introduction, Vertebral Column |
| | R | 01/19 | Ribs, Pelvis (os coxa), Terminology Quiz |
| 2 | T | 01/24 | Skull |
| | R | 01/26 | Skull (cont'd), Hyoid |
| 3 | T | 01/31 | Sternum, Clavicle, Scapula |
| | R | 02/02 | Review |
| 4 | T | 02/07 | Lab Practical #1 |
| | R | 02/09 | Humerus, Ulna, Radius |
| 5 | T | 02/14 | Hand, Femur, Patella |
| | R | 02/16 | Tibia, Fibula, Foot |
| 6 | T | 02/21 | Spinal Cord, Back muscles |
| | R | 02/23 | Posterior Brachium, Anterior Forearm, Palmar Hand |
| 7 | T | 02/28 | Anterior Brachium, Brachial Plexus, Posterior Forearm, Dorsal Hand |
| | R | 03/02 | Review |
| 8 | T | 03/07 | Lab Practical #2 |
| | R | 03/09 | Gluteal, Posterior Thigh, Posterior Leg, Plantar Foot |
| 9 | T | 03/14 | NO CLASS |
| | R | 03/16 | NO CLASS |
| 10 | T | 03/21 | Anterior Thigh, Knee, Anterior Leg, Dorsal Foot |
| | R | 03/23 | Thorax, Lungs |
| 11 | T | 03/28 | Heart |
| | R | 03/30 | Heart (cont'd) |
| 12 | T | 04/04 | Review |
| | R | 04/06 | Lab Practical #3 |
| 13 | T | 04/11 | Abdominal Wall, Abdominal Cavity, GI Tract, Abdominal Viscera |
| | R | 04/13 | Kidney, Pelvic Contents |
| 14 | T | 04/18 | Brain |
| | R | 04/20 | Brain (cross section), Intracranial Cavity, Eye, Ear (+Ossicles) |
| 15 | T | 04/25 | Face, Larynx, Neck |
| | R | 04/27 | NO CLASS |
| 16 | T | 05/02 | Review |
| | R | 05/04 | Lab Practical #4 |

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