



# Interprofessional Human Gross Anatomy

## Syllabus & Course Manual

### Spring 2019

**Course Director****Rekha Kar, Ph.D.****Office:** 1.275S Dental School Building**Phone:** (210) 567-1567**Email:** [karr@uthscsa.edu](mailto:karr@uthscsa.edu)**Course Co-Director****Haley Nation, Ph.D****Office:** 236D Medical School Building**Phone:** (210) 567-3878**E-Mail:** [nation@uthscsa.edu](mailto:nation@uthscsa.edu)**Course Co-Director****Yolanda Rangel, Ph.D.****Office:** 2.208R6 Dental School Building**Phone:** (210) 567-8626**Email:** [rangely@uthscsa.edu](mailto:rangely@uthscsa.edu)**Instructor****Maria Bartanuszova, MD****Office:** 1.236S, Dental School Building**Phone:** (210) 450-8545**Email:** [bartanuszova@uthscsa.edu](mailto:bartanuszova@uthscsa.edu)**Instructor****Babatunde O. Oyajobi, MD. Ph.D****Office:** 518D Medical School Building**Phone:** (210) 567-0909**E-Mail:** [oyajobi@uthscsa.edu](mailto:oyajobi@uthscsa.edu)**Instructor****Alexis Ortiz, PT, Ph.D.****Office:** 2.208R.1, Dental School building**Phone:** (210) 567-8750**Email:** [OrtizA7@uthscsa.edu](mailto:OrtizA7@uthscsa.edu)**Instructor****Alan Y. Sakaguchi, Ph.D****Office:** 237D Medical School Building**Phone:** (210) 567-3839**Email:** [sakaguchi@uthscsa.edu](mailto:sakaguchi@uthscsa.edu)**Course Administrator: Ashley Jordan****Office:** 224D Medical School Building**Phone:** (210) 567-3902**E-Mail:** [jordana1@uthscsa.edu](mailto:jordana1@uthscsa.edu)**Academic Program Coordinator: Rebecca Beard****Office:** 229D Medical School Building**Phone:** (210) 567-5075**E-Mail:** [beardr@uthscsa.edu](mailto:beardr@uthscsa.edu)

## Course Information

### Welcome

Welcome to the Interprofessional Human Gross Anatomy course of the University of Texas Health at San Antonio (UTHSA). We are truly glad that each of you is here, and look forward to a period of study and training that will be enjoyable and beneficial. Although an understanding of the structure of the human body is vital to all practitioners of the health sciences, it is absolutely essential for the health professional who must be able to provide completely external treatment of what are most commonly internal maladies. The ability to look at the surface of a patient and have a complete and accurate mental picture of the underlying anatomy is the basis on which you will build your understanding of function and treatment. Without that critical mass of knowledge gained from learning the intricate structure of the human body, you will not be able to develop your ability to properly treat the patients for whose care and well-being you are responsible.

### Overview

A practitioner of the health sciences is given many privileges denied to the general public, but these privileges are accompanied by great responsibilities. In this course, hands-on dissection of the human body is one of the first such privileges that you will be granted. Your associated responsibilities are to display the highest level of professionalism and to treat the cadaver assigned to you with respect and to care for it and dissect it in such a way that you may gain the maximum knowledge from it. Dissection of the human cadaver is a privilege that has been rare throughout most of the long history of human medicine. Many generations of health professionals never had the opportunity to examine the structure of the human body, and others were able to do so only by breaking the law of their times. We are fortunate to live in an age that not only permits, but requires, those who are to treat human patients to be knowledgeable about the structure and function of the human body that he or she presumes to treat. *Although the anatomy staff encourages you to make full use of the many audiovisual aids that are available for the study of human anatomy, there is no substitute for the study of the human body itself.*

- Dissection provides an experience of the three-dimensional structure, the complexity, and the variability of the human body that can be gained in no other way.
- Dissection also requires manual dexterity, mental preparation, and the expenditure of energy.

**All students will be active participants in dissections and in learning from prosected material.** Since multiple students are assigned to each cadaver in this course, learning in the laboratory whether by dissection or by study of prosected specimens is intended to be a *team effort*. The gross anatomy faculty strongly believes that all students should be present and should participate fully in the laboratory work and that each of the six partners assigned to a cadaver should carry his or her fair share of the workload. We also believe that it is unfair for one or two people to

dominate the dissections or to work ahead of the others. **Full attendance in the laboratory is required if you are to receive credit for this course.** Wherever possible and unless otherwise directed, all dissections are to be done bilaterally. Three students will be assigned to each side of the body. On your laboratory assignment sheet you will find that three students have been assigned to the left side and three students to the right side of each cadaver. (*NOTE: "left side" and "right side" refers to the sides of the cadaver NOT the table. Since the cadaver will be variably placed in the supine [face up] or prone [facedown] positions this may actually require teams to exchange sides of the table during the course, sometimes during the same lab session*). In addition, each student on a side of the cadaver has been designated as "Student A," "Student B," or "Student C" in order to clarify the individual responsibilities of each partner during a particular lab session. A rotation scheme will be used so that only two students from each group of three need be present to complete the tasks of a given lab session. The students designated in the schedule will be responsible for the physical dissection or for leading the study from prosected specimens and the demonstration of structures called for in the lab session. However, it is the responsibility of each member of the team to learn all designated structures. During each lab team members may also be required to rotate through self-study stations and complete any associated station exercises. The success or failure of any lab session rests on ALL team members doing their jobs and doing them well. **REMEMBER, on laboratory examinations each student will have to identify all structures individually.** The teaching staff will periodically check the cadavers and evaluate the quality and completeness of the dissections. They may ask any student to demonstrate structures on the cadaver. Unsatisfactory performance of the dissections may result in a reduction of final course letter grade or an Incomplete.

## Teaching Materials

We will use the following **required** textbooks for this course. The editions listed are those that will be referenced during lectures and in assigned readings and that may be used for the preparation of some exam questions. Use of older editions is done so at one's own risk.

- Moore, Keith L., Dalley, Arthur F. and Agur, Anne M. R., *Clinically Oriented Anatomy*, 8<sup>th</sup> Edition, 2018.
- Denton, Alan J., *Grant's Dissector*, 16<sup>th</sup> Edition, 2017.
- Netter, Frank H., *Atlas of Human Anatomy*, 7<sup>th</sup> Edition, 2019.

**Note:** Each table will be assigned a loaner copy of the anatomy atlas. The loaner copy is for use during the course and must not be removed from the lab. The loaner copy must be returned in its original condition at the end of the course. If the loaner copy is damaged or lost it must be replaced with a clean undamaged copy before final grades for all students at a given table will be reported to the Registrar. It is up to the student to decide whether to purchase a copy of the anatomy atlas for personal use outside of the lab.

Additional teaching materials may be distributed prior to the relevant class session. In some instances, PowerPoint presentation of slides may be made available by some lecturers and in those cases, the PPT files in PDF format will be posted on Canvas.

## Instruments

Gross anatomy is an intensive laboratory-oriented course, and many hours will be spent in dissection and self-study. As in most other areas of scientific endeavor,

proper use of the correct instruments can make all the difference in the efficiency with which you work. Each student should have, at all times:

- At least two good quality stainless steel dressing (thumb) forceps (without teeth)
- One No. 4 scalpel handle with a supply of No. 21 or No. 22 blades
- Two pair of dissection grade stainless steel operating scissors, one with one blunt and one sharp end and the other with two sharp ends

Tissue forceps (with teeth) are specifically NOT recommended except for skin reflection and are not required. Cheap scissors, defective forceps, and otherwise inadequate instruments are the cause of a great deal of frustration and wasted time. Dissecting kits, aprons, and disposable plastic gloves may be available in the Campus Bookstore located on the first floor of the Academic Learning and Teaching Center. Suitable substitutes may be found online. **It is REQUIRED that gloves be worn whenever human cadaver material is being handled.**

### **Laboratory Precautions**

With increased public interest in environmental health hazards, considerable attention has been given to the possible toxicity of laboratory chemicals. Since agents such as phenol and formaldehyde are extremely important for both the preservation of cadaver material and to ensure that disease is not transmitted to the living, we have been following these investigations with great interest.

Although evidence to date is sketchy and inconclusive, we believe that even the possibility of concern merits some caution. All students are required to wear gloves when handling cadaver material. Tank tops, shorts and open shoes are not permitted. A clean protective apron or coat is recommended when working in the laboratory. Laboratory air has been analyzed for levels of chemicals in question and concentrations have been found to fall within safe levels as established by the Occupational Safety and Health Administration. Concentrations of phenol and formaldehyde will continue to be monitored on a regular basis. As an additional safety precaution, any female student who is pregnant or suspects she is pregnant should **immediately** bring this information to the attention of the Course Director and/or Course Co-Director.

Please note that these chemicals are used only at low concentrations in the gross anatomy laboratory and they are necessary to protect the health of the living. Every indication is that at the concentrations used these chemicals should not pose a threat to students or faculty. However, the issue will continue to be monitored and in the interim, intelligent caution is strongly encouraged.

(Reference: Blair, et al. 1986 *J Natl Cancer Inst* **76**: 1071-1084; Pabst 1987 *Anat Rec* **219**: 109-112).

### **Policy on Scholastic Dishonesty**

The University of Texas Health at San Antonio has zero tolerance for acts of scholastic dishonesty. One of the responsibilities of faculty is to assess the achievement of each member of the class and to ensure that all who receive credit and a particular grade have accomplished what such recognition implies. These standards are essential not only to the maintenance of the academic integrity of the course but also to maintain equity, in fairness to every student enrolled in the course.

**No information about examinations in this course should be used or sought from members of previous classes at the UTHSA (or other sources). Moreover, you will be given access to lectures in some cases, as part of PowerPoint presentations. These are copyrighted materials for your use and only while you are enrolled in this class. The slides may not be distributed, passed to a third party, posted on any public or private online site, sold for profit or given in exchange for tangible property or services, and to do so would violate 17 U.S. Code Chapter 5 – COPYRIGHT INFRINGEMENT AND REMEDIES**

Your attention is directed specifically to the following excerpts from the “Rules of the Health Science Center.”

“The University expects each student to engage in all academic pursuits in a manner that is beyond reproach. The University views any act of scholastic dishonesty as a very serious breach of the student’s responsibilities. Scholastic dishonesty includes all dishonest acts, which are designed to or have the effect of interfering with the academic process. A student is also guilty of scholastic dishonesty if he or she aids another student in the performance of an act of scholastic dishonesty. Please note the following, which is not an exclusive list:

- A student may not offer for credit as work of his or her own, any work prepared by another.
- A student may not enter the faculty and administrative offices for the purposes of obtaining or copying exams or material used in the preparation of exams. A student who has unintentionally obtained such material must immediately inform an appropriate member of the faculty. Neither shall a student examine or appropriate any teaching materials normally reserved to faculty without permission.
- A student may not use or have in his or her immediate possession, during an examination period, any materials not authorized by the proctor.
- A student may not take an examination for another student, nor may a student permit another person to take an examination for him or her.
- A student taking an examination must comply with all of the instructions given by the person administering the examination.
- A student may not give, receive or obtain any information pertaining to an examination during the examination period, except as authorized by the instructor.
- A student who has just taken an examination and a student who will be taking that examination may not discuss its contents with each other.
- A student may not for the purpose of preserving questions for use by another, divulge the contents of an essay or objective examination designated by the instructor as an examination (and not to be disseminated beyond the class), or willingly receive such contents.

Any breach of these will be considered an act of scholastic dishonesty.

## Evaluation

There will be four module examinations (please see class schedule). Module I-IV exams will consist of a written part and a lab practical part, both equally weighted and both given on the same day. In addition to the four module exams there will be a weekly quiz covering material presented during the preceding week. Weekly quizzes may draw upon material presented in lecture, assigned reading and laboratory demonstrations or dissections. A minimum grade average of 70% must be maintained for the quizzes and other required class activities must be completed satisfactorily to receive the full 5% participation grade. There may also be laboratory exercises and assignments that may contribute to the 5% participation grade. **These examinations and participation exercises and assignments will constitute the sole criteria for determining grade in this course. For determining overall and final course grade, the examinations will be weighted as follows:**

Module I Written and Practical	25%
Module II Written and Practical	20%
Module III Written and Practical	25%
Module IV Written and Practical	25%
Participation—Weekly quizzes and other exercises	<u>5%</u>
Total	<u>100%</u>

The written examination will consist primarily of multiple choice, matching and fill-in-the-blank types of questions. **Any questions regarding grading or calculation of examination scores must be brought to the attention of the Course Director and/or Co-Director within one week after grades are posted on the course Canvas site; otherwise, the recorded grade will not be changed.**

## Grading Policy

UTHSA policy requires that a grading scale be used in reporting overall grade to the Office of the Registrar. Thus, grades will be awarded, based on performance in the course, and reported as follows:

* A = Excellent	≥ 90%
* B = Good	80-89%
* C = Acceptable	70-79%
* F= Not acceptable	≤70%

There is NO specified or expected class average. **Note:** A final letter grade will only be increased if it falls within  $\leq 0.2\%$  of the next highest grade. For example, 89.7% is a B, whereas 89.8% is an A.

The final course grade earned by a student will be determined by the cumulative total scores of all graded exercises and exams. A student whose cumulative total score falls below 70% at the end of the course may, in consultation with the respective program directors, be allowed to remediate but ***under no circumstances will remediation be offered to any student with a final course average of 65% or below.*** A remediation exam will not be offered to students who achieve a final letter grade of C or above. If offered, the content and the time and place of the remediation will be determined by the course directors. The new final grade will not be higher than a letter grade of C, regardless of the score achieved on the remediation exam.

Under University regulations, failure of a student to complete ALL the requirements of a course, including examinations, will result in an interim grade of “I” (incomplete) or a final grade of “F” (fail). An “I” may also be given when a student has *prior written permission by their respective program Director and the Course Directors* to delay the completion of required course work or to postpone an examination. An “F” grade will be reported to the Registrar when a student is absent from a scheduled examination or did not complete all course requirements without *prior and official written permission from their respective program Director and the Course Directors*. Final letter grades will be posted on the course Canvas site. **Under no circumstances will final letter grades be provided to students verbally or by email from teaching faculty.**

## **Tutoring Policy**

1. In general, it should not be necessary for a student to be tutored in order to pass the courses taught by the department. However, in some special instances, for example, when a student has been absent from an earlier examination or performed unsatisfactorily, the Course Director/Co-Director, Faculty Advisor or the respective Dean for Student Affairs may recommend tutoring.
2. All tutors for Interprofessional Gross Anatomy (CSAT 5022) must be approved by the course director prior to tutoring any student in the course. Except in very unusual cases, tutors should have achieved a grade of at least A or B in the course in which they tutor or in an equivalent course. Tutors will be required to demonstrate their competency of the relevant material via scheduled sessions with the course director or co-director.
3. Tutors are strongly encouraged to attend corresponding lectures and laboratory sessions during their assigned tutoring period.
4. All CSAT 5022 tutors will be given a copy of the general rules and regulations associated with the gross anatomy laboratories and the specific policy for tutoring in the laboratories. Tutors must agree to abide by these rules and regulations or risk losing approved access to the labs and permission to tutor student.
5. All CSAT 5022 tutors will correspond with the course director or other designated faculty member on a weekly basis to insure priority for tutoring sessions is being given to students who are in most danger of failing the course. Students who are recommended for tutoring by the course director should be given preference over students who are doing satisfactory work in the course. The tutoring program is not intended to streamline or be a substitute for self-study.
6. Charges for tutoring should be reasonable. The following scale represents the maximum allowable charge for tutoring in the gross anatomy laboratories: A group of 2 students may be charged \$10 per hour each. A group of 3-4 students may be charged \$5 per hour each. Due to the confined space and interactive nature of a successful tutoring session, groups of 5-6 students will only be permitted by prior approval of the course director. Groups larger than 6 are not permitted under any circumstance. Lower charges and free tutoring are encouraged.

**NOTE: This program is meant to be a GROUP tutoring program. Only under special circumstances and with prior approval by the course director will**

**individual tutoring be considered. The charge for individual tutoring may be \$20 per hour.**

7. When choosing a cadaver for tutoring sessions, realize that the group assigned to that table has priority over tutorial sessions for other students. Please make every effort to work together and coordinate your tutoring sessions accordingly.
8. All CSAT 5022 tutors will maintain a record of all students tutored. The record must contain the name of the student, date of tutoring session, length of time tutored and the amount charged. Tutors will be required to turn these records into the course director periodically during each module of the course.
9. The proper care of cadaver materials is mandatory. Cadavers should be covered properly with a shroud. The head should be wrapped after each session. Every precaution should be taken to insure the cadavers remain moist between multiple tutorial sessions. Be sure to lower the cadavers back into tanks and close the lids properly.
10. Except in situations when adequate material may not be available, cadaver materials that are used in tutoring should not be used on practical examinations. Every precaution will be taken to ensure that no student could legitimately claim that a student has paid to see what will be on an examination.
11. Names of unauthorized tutors who have gained access to the Gross Lab will be reported to the Director of the Willed Body Program and the student's Dean's office for unprofessional behavior. These individuals may be subject to disciplinary actions.

### **Students with Disabilities**

The University of Texas Health Science Center at San Antonio provides, upon request, appropriate academic accommodations for qualified students with disabilities. Students who wish to request accommodations for disabilities should complete a *Student/Resident Request for Accommodations Under the Americans with Disabilities Act (ADA)* form (Form ADA-100). The form and additional information may be obtained at <http://www.uthscsa.edu/eeo/request.html>. The completed form should be submitted to Dr. David Henzi, Assistant Dean for Student Affairs and Enrollment Management (Room 426A.9, Medical School Building, Lozano Long Campus) (*for students in the School of Health Professions*) or Dr. Nicquet Blake, Associate Dean Graduate School of Biomedical Sciences (Room 102, Academic Administration Building, Long Campus) (*for students in the Graduate School Programs*). A copy should also be submitted contemporaneously to Dr. Bonnie Blankmeyer, Academic faculty and student ombudsperson and ADA compliance officer (Room 3.452T, Dental School Building).

Students who wish to request accommodations should contact Dr. David Henzi or Dr. Nicquet Blake directly who will review the processing procedures with the student and then refer him or her to Dr. Blankmeyer for further review. The process of requesting accommodations should be initiated by the student as soon as possible and once approved the course directors should be notified immediately so that appropriate arrangements can be made. **Please note that ALL students will be required to complete the laboratory practical exams within the regularly scheduled allotted time set by the course directors.**

CSBL 5022 INTERPROFESSIONAL GROSS ANATOMY  
SPRING 2019

**Class Schedule and Exam Dates**

*Unless otherwise noted in the schedule, lectures will be in 1.284T lecture theatre in the Dental School building (Tuesdays & Fridays)*

*Unless otherwise noted in the schedule, labs will be in the Gross Anatomy Laboratories - Dental School building (Tuesdays and Fridays)*

*Rooms 1.284T and 2.242T may be used during lecture and module exams, as well as the Academic Learning and Teaching Center (ALTC)*

**Module I—Head & Neck**

Jan 29 (Tue)	10-11AM	<i>Lecture: Introduction and Orientation</i>	Kar
	11AM-noon	<i>Lecture: Terminology &amp; Systems Overview</i>	Rangel
Feb 1 (Fri)	10-11AM	<i>Lecture: Back, Vertebral Column &amp; Spinal Cord I</i>	Oyajobi
	11AM-noon	<i>Lecture: Back, Vertebral Column &amp; Spinal Cord II</i>	Oyajobi
	1-3PM	<i>Lecture: Review of the Nervous System I &amp; II</i>	Rangel
Feb 5 (Tue)	10AM-noon	<i>Lecture: Cranial Cavity (Skull), Scalp &amp; Meninges</i>	Rangel
	1-3PM	<i>Lecture: Brain, Cranial Nerves &amp; Vessels</i>	Rangel
Feb 8 (Fri)	10-11AM	<i>Lecture: Neck</i>	Nation
	11AM-noon	<i>Lecture: Face &amp; Infratemporal Fossa</i>	Kar
	1-3PM	<i>Lecture: Autonomic Nervous system</i>	Kar/Nation
Feb 12 (Tue)	10 AM-noon	<i>Lecture: Pharynx, Larynx &amp; soft palate</i>	Bartanuszova
	1-4PM	<i>Lab: Cranial Cavity, Bones</i>	ALTC
Feb 15 (Fri)	10AM- Noon	<i>Nasal Cavity &amp; Mouth</i>	Kar
	1-4 PM	<i>Lab: Skull, Scalp &amp; Meninges, Cranial nerves Prosection Demonstration &amp; Assisted Self-Study</i>	Anatomy Lab
Feb 19 (Tue)	10AM-Noon	<i>Content Review</i>	Faculty
	1-4PM	<i>Lab: Neck, Face &amp; Infratemporal Region Nose, Mouth, Pharynx and Larynx Prosection Demonstration &amp; Assisted Self-Study</i>	Anatomy Lab
	4-5PM	<i>Lab Content Review</i>	Anatomy Lab
Feb 22 (Fri)	1-5PM	<i>Module I Written Exam &amp; Lab Practical</i>	Faculty

### Module II-Thorax & Abdominopelvic cavity

Feb 26 (Tue)	10-11AM	<i>Lecture: Anterior Chest Wall &amp; Thoracic Contents (Lungs)</i>	Oyajobi
	11AM-noon	<i>Lecture: Mediastinum &amp; Heart</i>	Kar
	1-4 PM	<i>Lab: Thorax, Mediastinum, Heart &amp; Lungs Prosection Demonstration &amp; Assisted Self-Study</i>	Anatomy Lab
March 1 (Fri)	10AM-noon	<i>Lecture: Abdominopelvic Cavity I Anterior Abdominal Wall &amp; Abdominal Contents</i>	TBD
	1-4 PM	<i>Lab: Anterior Abdominal Wall &amp; Abdominopelvic Cavity, Abdominal Organs Prosection Demonstration &amp; Assisted Self-Study</i>	Anatomy Lab
Mar 5 (Tue)	10AM-noon	<i>Lecture: Abdominopelvic Cavity II Posterior Abdominal Wall &amp; Diaphragm, Pelvic Organs</i>	TBD
	Noon-1 PM	<i>Module I Exam Results Review (optional)</i>	
	1-4PM	<i>Lab: Posterior Abdominal Wall &amp; Diaphragm, Pelvic Organs Prosection Demonstration &amp; Assisted Self-Study</i>	Anatomy Lab
	4-5PM	<i>Lab Content Review</i>	
Mar 8 (Fri)	1-5PM	<i>Module II Written Exam &amp; Lab Practical</i>	Faculty
Mar 12 (Tu)		<i>NO CLASS Spring Break</i>	
Mar 15 (Fri)		<i>NO CLASS Spring Break</i>	

### Module III- Upper Extremity

Mar 19 (Tue)	10AM-noon	<i>Lecture: Bones, Muscles and Organization of the upper Limb</i>	Kar
	Noon-1PM	<i>Module II Exam Results Review (optional)</i>	
	1-4PM	<i>Lab: Back Dissection I</i>	Anatomy Lab
Mar 22 (Fri)	10-11AM	<i>Lecture: Arm and Shoulder Joint</i>	Sakaguchi
	11AM- noon	<i>Clinical Correlation</i>	Ortiz
	1-4PM	<i>Lab: Back Dissection II</i>	Anatomy Lab
Mar 26 (Tu)	10AM-noon	<i>Lecture: Axilla &amp; Brachial Plexus</i>	Sakaguchi
	1-4PM	<i>Arm and Shoulder Joint Dissection</i>	Anatomy Lab
Mar 29 (Fri)	10AM-noon	<i>Lecture: Elbow &amp; Forearm</i>	Kar
	1-4PM	<i>Lab: Axilla &amp; Brachial Plexus Dissection</i>	Anatomy Lab
Apr 2 (Tu)	10AM-noon	<i>Lecture: Wrist &amp; Hand</i>	Kar
	1-4PM	<i>Lab: Fore Arm &amp; Cubital fossa Dissection</i>	Anatomy Lab

Apr 5 (Fri)	10AM-noon	<i>Module III Content Review</i>	Faculty
	1-4PM	<i>Lab: Wrist &amp; Hand Dissection</i>	Anatomy Lab
	4-5PM	<i>Content Review</i>	Anatomy Lab
<b>Apr 9 (Tue)</b>	<b>1-5PM</b>	<b><i>Module III Written Exam &amp; Lab Practical</i></b>	<b>Faculty</b>

#### **Module IV—Lower Extremity**

Apr 12 (Fri)	10-11AM	<i>Lecture: Bones, Muscles &amp; Organization of the Lower Limb</i>	Nation
	11AM-noon	<i>Lecture: Gluteal Region, Posterior Thigh &amp; Popliteal Fossa</i>	Sakaguchi
	1-4PM	<i>Lab: Gluteal Region Dissection</i>	Anatomy Lab
Apr 16 (Tue)	10AM-noon	<i>Lecture: Pelvis, Hip, Anterior &amp; Medial Thigh</i>	Kar
	1-4PM	<i>Lab: Posterior Thigh &amp; Popliteal Fossa Dissection</i>	Anatomy Lab
Apr 19 (Fri)	10AM-noon	<i>Lecture: Knee &amp; Leg</i>	Nation
	1-4PM	<i>Lab: Hip Joint, Anterior &amp; Medial Thigh Dissection</i>	Anatomy Lab
	1-4PM	<i>Lab: Hip Joint, Anterior &amp; Medial Thigh Dissection</i>	Anatomy Lab
Apr 23 (Tue)	10AM-noon	<i>Lecture: Ankle &amp; Foot</i>	Nation
	1-4PM	<i>Lab: Knee, Anterior Leg &amp; Dorsum of Foot Dissection</i>	Anatomy Lab
Apr 26 (Fri)	10AM-noon	<i>Lecture: Clinical Correlation</i>	Ortiz
	1-4PM	<i>Lab: Lateral &amp; Posterior compartment of the Leg Dissection</i>	Anatomy Lab
April 30(Tue)	10AM-noon	<i>Module IV Content Review</i>	Faculty
	1-4PM	<i>Lab: Ankle Joint &amp; Sole of Foot</i>	Anatomy Lab
	4-5PM	<i>Lab Content Review</i>	Anatomy Lab
<b>May 3 (Fri)</b>	<b>1-5PM</b>	<b><i>Module IV Written Exam &amp; Lab Practical</i></b>	<b>Faculty</b>

## **LABORATORY RULES**

### **1. OBSERVE LABORATORY SCHEDULE**

The laboratories will be unlocked and available for your use 24 hours a day, Monday through Sunday EXCEPT when other scheduled classes are in session. Certain exceptions may be made to this policy preceding major examinations and will be announced in class. *The main door at the entrance of the anatomy laboratories and doors of all the laboratories MUST remain closed AT ALL TIMES other than normal ingress and egress and you should take special precaution that the door is open for the shortest possible time when entering or leaving the laboratory. There are no exceptions to this rule.*

### **2. KEEP THE LABORATORY CLEAN**

You are expected to maintain your personal appearance and assigned working space in accordance with professional standards of cleanliness.

#### **Personal attire**

Although there is no specific code of personal dress for laboratory work, what you wear **MUST** be kept clean so as not to create a health hazard for yourself and those with whom you live and work. Shorts and open shoes are not allowed.

#### **Laboratory cleanliness**

Place paper waste (such as towels) in plastic trash containers located near the sinks. Discard sharp objects such as scalpel blades, needles, etc., in the containers (“Sharps bin”) on the counters marked for such instruments; *please do not put sharp objects in the containers for paper trash*. During dissections or study from prosected specimens, parts of the body (such as skin, scraps of fat, etc.) may be placed in the stainless steel buckets beneath the dissection tanks and *at the end of each dissection period, these are to be emptied into the plastic containers marked for “Tissue Only.”* **DO NOT dispose of paper towels or scraps of tissue in dissection tanks or in sinks.** Be sure to leave the cadaver properly covered to avoid excessive drying.

### **3. USE DEMONSTRATION MATERIALS WITH CARE**

Skeletons are never to be disarticulated or removed from stands. The disarticulated skeletal materials issued by Multidisciplinary Labs personnel are fragile and irreplaceable. Under no circumstances are reference books, specimens, etc., to be removed from the laboratories. Models and other demonstration materials must be handled with care and with clean hands. Do not leave models disassembled. Special instruments (bone forceps, saws, etc.) are to be returned to the cabinet at the end of each laboratory period.

### **4. TAKE CARE OF THE LIGHTS**

Dissection lights must be manipulated carefully; be sure your light is turned off before you leave the laboratories. Turning the concavity of the lamp reflector upward and raising the lamp head when not in use will help extend the life of the bulb and will help protect the lamp from accidental damage. If you are the last one to leave the lab at the end of a laboratory period or at night, please help conserve energy by turning off the room lights.

### **5. DO NOT SMOKE, EAT, OR DRINK IN THE LABORATORY**

Smoking, eating, or drinking are prohibited in the laboratories, since, in this environment, these activities may pose a hazard to your health.

**6. WORK QUIETLY IN THE LAB**

Loud talk, horseplay, etc., are completely out of place in the laboratories.

**7. DO NOT BRING VISITORS INTO THE LABORATORY**

No visitors will be allowed into the laboratory under any circumstance.

**8. DO NOT BRING CAMERAS, ETC. INTO THE LABORATORY**

Photographic equipment is NOT permitted in the laboratories at any time. This includes the hallway where the lightboxes are located just outside the dissecting labs.

**9. KEEP SPECIMENS INSIDE THE LAB**

Parts of the body, pieces of human tissue, or prosthetic appliances found in cadavers are never to be removed from the labs. Violation of this rule or of rule #10 is a Class A Misdemeanor under Texas law, punishable by fine, jail sentence, or both.

**10. RESPECT THE CADAVERS AS HUMAN REMAINS**

Proper care of and respect for the bodies is absolutely essential.