

SUMMER 2007

**REQUIREMENTS FOR HBA 460/561/540**

**Books:** Moore, K.L. & Agur, A.: Essential Clinical Anatomy, 3<sup>rd</sup> edition, Lippincott Williams & Wilkins, 2006.

Tank, P.W.: Grant's Dissector. 13<sup>th</sup> edition, Lippincott Williams & Wilkins, 2005.

Netter, F.H.: Atlas of Human Anatomy. 3<sup>rd</sup> edition, Novartis, 2003.

Regional Human Anatomy Laboratory Manual, edited 2006.

**Lab Supplies:** #4 scalpel with #22 blades  
2 scissors: 1 large, 1 small  
forceps: 1 large rat-tooth, 1 small  
1 blunt probe

Laboratory coat and gloves are strongly recommended

**The books, as well as dissecting items listed above, can be purchased in the Health Sciences Center Bookstore. Slightly used dissecting tools, lab coats and the lab manual may be purchased in the Gross Anatomy Office, Level 2, Room 132 HSC. These items will be available during orientation.**

**The manual specifically designed for this course can be purchased for \$10.00 in the Anatomical Sciences Department, HSC T-8, Room 040 or in the Anatomy Office during orientation.**

**PLEASE BRING ALL LABORATORY EQUIPMENT ON THE FIRST DAY AND BE PREPARED TO BEGIN DISSECTION.**

The class will meet Monday through Thursday from 1 p.m. to 5 p.m. and Friday from 8 a.m. to 12 noon. The first meeting of the class will be on Tuesday, July 3<sup>rd</sup> at 1 p.m., Lecture hall to be announced. The final exam will be in the morning, Friday August 24<sup>th</sup>.

**NOTE THAT READING ASSIGNMENTS FOR LABORATORY AND LECTURE ON JULY 3<sup>rd</sup> SHOULD BE DONE BEFORE COMING TO CLASS. THESE ARE:**

Dissector, pages 1 - 11

Text, pages 1-47, 271 – 291, 299 – 311 (skip 304 – 309), 419 - 423

Starting July 5, additional review sessions will be scheduled for the undergraduate students in the class (OT, RC, CT). Undergraduate students are mandated to attend one lecture review session and one laboratory review session every week. Times and class rooms to be announced.

**Class web page:** <http://gibbon.anat.sunysb.edu/SHTM/index.html>

## HOW YOU WILL BE TESTED

There will be two test formats in this course -- quizzes and examinations.

### Quizzes

There will be a short quiz in each module. Quizzes consist of a written part, with generally 15 multiple choice questions. The second part will be a laboratory examination and will consist of identifying 20 structures pinned or tagged on various cadavers, and X-rays. The faculty will grade these quizzes promptly and attempt to return them to you within a day or two.

The questions on the quizzes will be of the same nature and degree of difficulty as those given on the examination at the end of each module. The laboratory exam will cover all dissections which should have been completed by the time it is administered.

Quizzes are important because they give you an idea of the nature and degree of difficulty of the questions on the examination for each module. They are also designed to encourage you to pace your learning properly instead of waiting until the end of the module before beginning to study in earnest -- a tactic which experience indicates can seriously imperil a student's chances of successfully completing the course.

### Examinations

There will be an examination at the end of each module. It will be in two parts -- a written one consisting of 50 multiple choice questions and a practical one consisting of the identification of approximately 65 structures pinned or tagged on cadavers, models and X-rays.

**HBA 561 and 540:** The final examination is cumulative and will contain questions pertaining to all material covered throughout the entire course. Approximately 75% of all final exam questions will pertain to material of the third module; 25% of the final exam will cover material in modules I and II.

### How Your Final Grades Will Be Computed

**HBA 561:** Your final grades will be determined by the scores on the three examinations. The quizzes are practice exams and do not count for the grade.

**HBA 460:** Your final grades will be determined by the scores on the Module I and Module II examinations. The quizzes are practice exams and do not count for the grade.

**HBA 540:** Check with course Director Dr. Randall Susman.

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HUMAN ANATOMY**

**MODULE 1: THORAX, ABDOMEN, PELVIS, PERINEUM**

<b>DAY</b>	<b>DATE</b>	<b>TOPIC</b>	<b>LAB ASSIGNMENT DISSECTOR</b>	<b>READING TEXTBOOK</b>
Tues	7/3	Introduction, Back	1-11 Skip suboccipital triangle	1-47, 271-291, 299-311 (skip 304-309), 419-423
Wed	7/4	No class		
Thur	7/5	Spinal Cord, Peripheral Nervous System	12-14	30-43, 292-298
*Fri	7/6	Pectoral Region	42-47	50-69, 417-418
Mon	7/9	Pleural Cavity, Lungs	47-51	70-82
Tues	7/10	Heart	52-59	83-103
Wed	7/11	Mediastinum	59-63	103-115
Thur	7/12	QUIZ I Abdominal Wall, Inguinal Region	64-72/3 (spermatic cord & scrotum can be finished on 7/14)	118-137
*Fri	7/13	Abdomen I	74 - 82	135-174**
Mon	7/16	Abdomen II	82-89	135-174**
Tues	7/17	Posterior Abdominal Wall	89-95, (male: finish 72-73)	174-201
Wed	7/18	Pelvis	96-97 (all), skip anal triangle; 103- 110 (male), 113-121 (female)	204-247
Thur	7/19	Perineum/Urogenital Region	99-103 (male), 110-113 (female)	248-270
*Fri	7/20	REVIEW		
Mon	7/23	EXAM I		

\*AM Class

\*\* Dissection follows different sequence from textbook reading. The dissector has a strictly regional organization, whereas the textbook sometimes presents systems. Readings are therefore occasionally out of synch. Please read all lab assignments and text assignments prior to class period.

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**MODULE 2: HEAD AND NECK**

<b>DAY</b>	<b>DATE</b>	<b>TOPIC</b>	<b>LAB ASSIGNMENT DISSECTOR</b>	<b>READING TEXTBOOK</b>
Tues	7/23	Superficial Face	150-157	492-499, 514-523
Wed	7/24	Cranial Cavity, Cranial Nerves Preview	158-168, Skip gross examination of brain	500-508, 634-660
Thur	7/25	CNS I	163-164 and Manual	508-514 and Manual
*Fri	7/26	CNS II	Manual	Manual
Mon	7/30	Orbit/Ear	168-173, Skip enucleation, 208-210	524-539, 568-578
Tues	7/31	QUIZ II, Neck - Posterior Triangle	174-176	584-594
Wed	8/1	Neck – Anterior Triangle	176-183	594-603
Thur	8/2	Deep Face, TMJ	184-189	539-547
*Fri	8/3	Removal of Head, Deep Neck, Pharynx	189-194	603-608, 620-626
Mon	8/6	Bisection of Head, Nasal Cavity, Pharynx	194-202	560-568
Tues	8/7	Oral Cavity, Larynx	202-207	547-560, 608-621
Wed	8/8	Review		Make sure to review cranial nn.: 634-660
Thur	8/9	Exam II		

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**MODULE 3: LIMBS**

<b>DAY</b>	<b>DATE</b>	<b>TOPIC</b>	<b>LAB ASSIGNMENT DISSECTOR</b>	<b>READING TEXTBOOK</b>
*Fri	8/10	Shoulder, Axilla	15-22	402-435
Mon	8/13	Arm, Cubital Fossa	22-26	436-443
Tues	8/14	Forearm, Dorsum of Hand	26-30, 35-36	442-456
Wed	8/15	Palm of Hand	30-35	456-468
Thur	8/16	Lower Limb Organization, Hip, Gluteal Region, Posterior Thigh	122-124, 130-136	314-332, 343-351
*Fri	8/17	QUIZ III, Anterior/Medial Thigh	125-130	332-341
Mon	8/20	Leg and Ankle, Dorsum of Foot	136-141	355-366
Tues	8/21	Sole of Foot	142-144	366-374
Wed	8/22	Joints, Gait	145-149; 37-41	471-489 <sup>#</sup> , 375-399 <sup>#</sup>
Thur	8/23	Review		
*Fri	8/24	EXAM III -- FINAL		

\*AM Class

# Joints will be covered in lecture with the regions they are in