

# HUMAN ANATOMY & PHYSIOLOGY II [BIOL 2458] Section 001

FALL, 2009

TR 9:30 p.m. – 10:50 p.m. Life Science, Room 119

Instructor: Dr. Timothy L. Henry  
Office Hours: Tu & Tr 2:00-3:30 pm

Office: Life Science Building, Room 232  
Phone: (817) 272-7223  
Course WWW site: <http://www.uta.edu/biology/henry>

Mailbox: 19498  
Email: [dr.henry@uta.edu](mailto:dr.henry@uta.edu)

**Course Prerequisites:** Biology 2457, and approval of the department. Those students without the minimum prerequisites will not be allowed in the class. This syllabus outlines the critical points of the course, **read it** and know it.

**Required Textbook(s):** **LECTURE** – *Fundamentals of Anatomy & Physiology*, F.H. Martini 8<sup>th</sup> edition. The textbook, with CD-ROMs, comes packaged with an *Applications Manual & Atlas*. The affiliated *Study Guide* is separate from the text & manual, and is highly recommended. **LAB** – *Human Anatomy & Physiology Laboratory Manual (pig version)* E.N. Marieb, 9<sup>th</sup> edition. **Optional** - *Anatomy & Physiology Coloring Workbook*, E.N. Marieb. *ADAM Interactive Anatomy 4.0*. Read your lab syllabus that will be supplied by your lab instructor. You must take an online Lab Tutorial, if you haven't done so. **Consider this syllabus fair game for test questions.**

**Course Description:** The study of the form and function of the human body. What could be more interesting than you?

**Student Learning Outcomes:** As described in the catalog, the goal of this class is to introduce students to the fundamental elements of human structure and function including cellular physiology, tissue organization, integumentary structure and function, musculoskeletal structure and function, basic neurobiology and organization of the human nervous system, chemical communication and signal transduction pathways (with specific reference to the endocrine system). The emphasis of the lecture portion of the class will be on the physiology and the laboratory will focus on anatomy. This class is recommended for pre-allied health professionals. Preparing prior to the lectures is essential for doing well in this course. At the least familiarize yourself with the material before you attend class.

**Attendance and Drop Policy:** Attendance is required of all students, due to the volume and intensity of the material to be covered in the session. Should you encounter a problem attending class, talk to your instructor ASAP. If you stop attending classes, and fail to withdraw through the registrar, you will receive a failing grade for the course. Student MAV cards or other photo IDs should be on hand at all times.

**Specific Course Requirements with Descriptions:** There will be 1000 total points {100%} for the course as follows:

3 Lecture Exams .....	390 pts	{39%}
1 Comprehensive Final.....	260 pts	{26%}
Total lab grade.....	350 pts	{35%}

*(In order to figure your grade, just multiply your projected averages by the above percentages then add)*

<u>Grading Scale:</u>	<u>Points</u>	<u>Percentages</u>	<u>Grade</u>
	895-1000	89.5-100	A
	795-894	79.5-89.4	B
	695-794	69.5-79.4	C
	595-684	59.5-68.4	D
	000-594	0-59.4	F

**Exams** will be given at the scheduled date and time unless otherwise announced in class. All exams require a Scantron form #882-ES, a #2 pencil, a Student MAV card, or other photo ID. Those who arrive late for a test will not be allowed to take it without a legitimate excuse. No notes, cell phones/cameras, or earpieces are allowed during exams. **All scheduled exams must be taken**, or the grade for that test will count as a zero. Exam results and answer keys may be reviewed (**not copied or photographed**) during regular office hours or by appointment up to one week after the exam has been taken. After that time the exam files will be closed. You must arrive on the hour of the posted office time to review an exam. The comprehensive Final Exam is **not optional**. Syllabus questions may be on your exams.

**Make-up Policy:** There will be **NO** make-up exams given. If you miss an exam for any reason whatsoever you will receive a grade of 0%. Should you have a **justifiable documented excuse** for missing one exam (*i.e. a signed doctor's note on letter head sent through post explaining reason for your absence, a funeral program with your name listed as a family or friend, or a police report saying you were in an accident, etc. at the time of the exam*) at the discretion of your instructor, you may possibly replace your missed exam grade with your grade from your comprehensive final exam. This may apply to one exam only.

**Laboratory Attendance** is mandatory on your scheduled days. There will be little chance to make up missed laboratories due to the crowded laboratory schedule, so no unexcused absences will be permitted. If a lab practical is missed, with a **justifiably documented excuse**, you will receive an incomplete grade (X) for the course until the next semester's practical. This make-up practical must be completed with the next semester class or the grade will automatically convert to a failing one.

**Incomplete Grades** will only be given at the discretion of the instructor when accompanied by a valid medical or profound personal excuse. A grade of X (incomplete) may be assigned for a course if, in the opinion of the instructor, there are extenuating documented circumstances that prevent the student from completing the required work within the semester of enrollment for the course. The incomplete work must be completed by the end of the final examination period of the following semester for the student to receive credit for the course. If incomplete work remains undone after the allotted time period, it will revert to an F.

**Withdraw with automatic W deadline** will be Friday of the week the results of your first lab practical are available, **9/29-10/03**. After that time, all withdrawals will be recorded as failing.

**Drop for non-payment of tuition:** Payment must be received by the term due date of **Aug 19, 2008** or your registration will be cancelled. If your registration is cancelled for non-payment, you may reregister for classes but only if seats are available.

**Library Information:** Antoinette Nelson, the Science Librarian, can be reached at 817/272-7433 or [nelson@library.uta.edu](mailto:nelson@library.uta.edu).

**Student Evaluation of Teaching:** There will be an anonymous teaching evaluation form provided for each student near the end of the semester. Please fill out the form honestly and accurately. Your evaluations are taken very seriously, and help your University maintain the highest of standards.

**Americans With Disabilities Act:** The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 -- The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act - (ADA), pursuant to section 504 of The Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide "reasonable accommodation" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels. If you require an accommodation based on disability, I would like to meet with you in the privacy of my office, during the first week of the semester, to make sure you are appropriately accommodated.

**Academic Integrity:** It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22) *Copying and distribution of exams falls within these guidelines.*

**Final Review Week:** A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabi. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week.

**Bomb Threats:** If anyone is tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats. Unannounced alternate sites will be available for these classes. Your instructor will make you aware of alternate class sites in the event that your classroom is not available.

**Communications:** Common courtesy is common sense. While applicable questions and active participation in lecture are encouraged, interruptions to the learning process are not. Disruptions will not be tolerated and may involve dismissal from the course. Your instructors will be available during posted office hours; otherwise meetings must be scheduled. Please clearly identify yourself and your course when leaving phone or email messages. It is against University policy to email, phone, or otherwise publicize specific grades. Keep record of your collected averages, and thus not bother your instructors to look them up for you.

**Student Support Services:** Strive to thrive, or choose to loose...it's up to you; but help is available. The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and referrals. Supplemental instruction may be available for this course.

**After Hours Safety Escort :** The Sam Mav Escort service provides a service to assist students, faculty, staff and campus visitors to reach their destinations after regular business hours. The hours of service are 7:00 p.m. to 1:00 a.m., Sunday through Saturday. 817-272-3381.

**MavMail:** All students are assigned an email account and information about activating and using it is available at [www.uta.edu/email](http://www.uta.edu/email). New students (first semester at UTA) are able to activate their email account 24 hours after registering for courses. There is no additional charge to students for using this account, and it remains active as long as a student is enrolled at UT-Arlington. Students are responsible for checking their email regularly.

**E-Culture Policy:** The University of Texas at Arlington has adopted the University email address as an official means of communication with students. Through the use of email, UT-Arlington is able to provide students with relevant and timely information, designed to facilitate student success. In particular, important information concerning registration, financial aid, payment of bills, and graduation may be sent to students through email. All students are assigned an email account and information about activating and using it is available at [www.uta.edu/email](http://www.uta.edu/email). New students (first semester at UTA) are able to activate their email account 24 hours after registering for courses. There is no additional charge to students for using this account, and it remains active as long as a student is enrolled at UT-Arlington. Students are responsible for checking their email regularly.

**Study Tips:** Reading your chapter, working your study guide, CDs, etc. before class is essential for understanding the lecture. Complete the appropriate *Study Guide* exercises, CD Rom presentations and review the chapter before attending the lecture. Use chapter outlines for taking class notes. Study groups may help. Information in this course is garnered from the text and other resources, with guidance from the instructor. Students must use *critical thinking* to show an understanding of the material, and will not simply be spoon-fed rote information to be regurgitated on exams. Although ample memorization will be necessary, knowledge of a subject is not dependent on rote memorization. Students will have to use their own initiative in using individual study skills in order to do well in this course. A primary formula to any successful endeavor includes a right-minded attitude and persistent effort. More on this will be covered in lecture.

**Tentative Lecture/Topic Schedule (Course Content):** The following lecture calendar is a tentative one due to the probability of unforeseen circumstances such as weather, power outages, etc. Any changes in the class lecture schedule will be at the discretion of your instructor, or due to unanticipated conditions, and will be announced in lecture. *No video or audio taping of lectures will be allowed.*

## HAP 2458 Fall '09

DATE		LECTURE TOPIC		CHAPTER
25-Aug		Introduction & Endocrine System		18
27-Aug		Endocrine System		18
1-Sept		Blood		19
3-Sept		Blood		19
8-Sept		The Heart		20
10-Sept		The Heart		20
15-Sept		Vessels & Circulation		21
17-Sept		Vessels & Circulation		21
22-Sept		Catch up & Review		
<b>24-Sept</b>	<i>Thursday</i>	<b>EXAM 1</b>		<b>18 – 21</b>
29-Sept		Lymphatics & Immunity		22
1-Oct		Lymphatics & Immunity		22
6-Oct		The Respiratory System		23
8-Oct		The Respiratory System		23
13-Oct		The Digestive System		24
15-Oct		The Digestive System		24
20-Oct		Digestion & Metabolism		24 & 25
22-Oct		Metabolism & Energetics & Review		25
<b>27-Oct</b>	<i>Tuesday</i>	<b>EXAM 2</b>		<b>22 - 25</b>
29-Oct	<i>w deadline</i>	The Urinary System		26
3-Nov		The Urinary System		26
5-Nov		Fluid, Electrolyte & Acid-Base Balance		27
10-Nov		Fluid, Electrolyte & Acid-Base Balance		27
12-Nov		The Reproductive System		28
17-Nov		The Reproductive System		28
19-Nov		Development & Inheritance		29
24-Nov		Development & Inheritance		29
<b>26-Nov</b>		<b>THANKSGIVING</b>		
1-Dec		Catch up & Review		
<b>3-Dec</b>	<i>Thursday</i>	<b>EXAM 3</b>		<b>26 – 29</b>
<b>10-Dec</b>	<i>Thursday</i>	<b>FINAL EXAM (8:00 – 10:30 AM)</b>		<b>18 - 29</b>