Text: Principles of Anatomy and Physiology, 1st ed., Philip Tate
Day & Time: 12:45 – 2:05 p.m., T, Th.
Location: Brown Hall, Rm. 364
Instructor: Dr. Allan Forsman
Office: Lamb Hall, Rm. 249F
Phone: 439-4502  e-mail: forsman@etsu.edu
web page: http://faculty.etsu.edu/forsman

Examinations:

There will be three (3) examinations PLUS a comprehensive final examination. These examinations will be in multiple choice format. Since lecture and lab are linked it is possible that there may be questions from lab material on the lecture exams and questions from lecture material on lab exams. Students must provide their own scan-tron forms. Form 882 ES or comparable is needed. There will be no “special projects” or extra credit given. Grades will be based on the total number of points earned out of the total number of points possible in the course.

Final Examination: Thursday, May. 7th, 2009, 1:20 – 3:20 p.m.

Quizzes:

There will be seven (7) quizzes administered online by the EZTest online testing system. You MUST register for this site before midnight on January 22nd, 2009. To register you must go to https://www.eztestonline.com/472331/index1.tpx and enter your name, then set up a username and password. Each of these quizzes will be worth 30 points. You may take these quizzes three (3) times. The average percent score of your three attempts will be applied to your possible 30 points to determine your overall score. For example, if your average score on the three attempts is an 85%, then the number of points you will have earned is 25.5 (85 percent of 30 is 25.5). These quizzes are timed such that you have 30 seconds per question.

Grade Scale:  
93 – 100  A  78-79.9  C+
90 – 92.9  A-  73 – 77.9  C
88 – 89.9  B+  70 – 72.9  C-
83 – 87.9  B  67 – 69.9  D+
80 – 82.9  B-  60 – 66.9  D
< 59.9  F

There will be 450 points from lecture exams and 210 points from ONLINE quizzes for a total of 660 points in the lecture portion of the course. Your lab and lecture combine to give a common grade with the lecture being worth 75% and the laboratory being worth 25% of that grade.

The following formula will be used to calculate your final grade in this course:

\[(\text{lab}_s/\text{lab}_p \times 25) + (\text{lec}_s/\text{lec}_p \times 75) = \text{percentage}\]

where:  
\(\text{lab}_s\) is the total number of lab points earned by the student 
\(\text{lab}_p\) is the total number of lab points possible 
\(\text{lec}_s\) is the total number of lecture points earned by the student 
\(\text{lec}_p\) is the total number of lecture points possible
Course Objectives:

At the completion of this course the student is expected to:

- demonstrate a working knowledge of the major structures of the human reproductive systems and the function(s) of these structures
- demonstrate a working knowledge of the major structures of the human urinary system and the function(s) of these structures.
- demonstrate a working knowledge of the major structures of the human cardiovascular system and the function(s) of these structures.
- demonstrate a working knowledge of the major structures of the human respiratory system and the function(s) of these structures.
- demonstrate a working knowledge of the major structures of the human digestive system and the function(s) of these systems.

Attendance: Attendance is required on all examination days. Failure to attend an examination will result in a score of zero (0) for that exam. If you miss an examination and have a verifiable EXCUSED absence you will be allowed to take a make-up examination. Make-up examinations will be given on the last day of class. Make-up examinations may be in any format, i.e., multiple choice, discussion, short answer, essay, oral, etc. You may only take one make-up examination. This means that if you miss more than one of the regularly scheduled examinations you will have to decide which exam you would like you make up and which you would like to keep at a score of zero. Only students that are mathematically capable of earning a grade of D or higher will be allowed to take make up examinations. IT IS THE STUDENTS RESPONSIBILITY TO CONTACT THE INSTRUCTOR AS SOON AS POSSIBLE AFTER MISSING AN EXAMINATION TO DETERMINE THE STATUS OF THEIR ABSENCE.

Only two forms of excused absences will be accepted:
1. verifiable hospitalization or physicians care
2. a death in your immediate family (including your own)
   occasionally special circumstances arise. Please see instructor if you believe this applies to you.

Tardiness demonstrates a lack of respect for your instructor and your fellow classmates and will not be tolerated. Chronic tardiness may result in the door being locked when class begins.

Class disturbances will not be tolerated. Anyone causing a disturbance will be asked to leave the classroom. Chronic offenders may be assigned to a specific seat or may be subject to review by a student conduct review board.

Food and Drink: No food will be allowed in the lecture room: Beverages (non-alcoholic) will be allowed in the lecture room.

Cell phones should be set to vibrate or turned off during class. At no time should a telephone be allowed to “ring” during class time. At no time should a cell phone be used during class. This includes e-mails and text messaging. ABSOLUTELY no cell phones or i-pods will be allowed on examination days. Anyone found to be using their cell phone or i-pod during an examination will receive a failing grade in the course. Additionally, there will be no caps/hats allowed on examination days. All work submitted for a grade in this course must be the original work of the student submitting the material.

VERY IMPORTANT RESOURCES

Dr. Forsman’s web page: The diagrams that will be used in this class, along with other diagrams, can be found on the web at: http://faculty.etsu.edu/forsman. The lecture notes for many of our lectures are also posted on this web site. In addition, labeled pictures of the laboratory models used for this class can also be found on this web site.
Course Desire-2-learn site: I will post grades in the course site. In addition you may find worksheets and crossword puzzles posted in this site. This site will also have a link that you can use to listen to audio lectures of this course.

The “PORTAL” site: All students enrolled in an A&P or Human Anatomy course at ETSU will have access to a tutoring site in the Desire-2-learn system known as “The Portal.” This site has many valuable resources such as the book publishers online quizzes, video presentations/descriptions of the models used in our laboratories, and practice quizzes made up of pictures of our laboratory models, to name a few.

Sherrod Library Media Center: the media center is located on the 3rd floor of Sherrod Library. This center has at least 1 of almost all of our laboratory models on reserve. These models can be checked out for a few hours at a time. They cannot be removed from the library and you can only check out 1 model at a time. Remember, these models are placed in the library to assist you in your studying. They ARE NOT a substitute for attending lab. Additionally, often many students want to study these models at the same time. Be aware that you may go to the media center to study a model that is already checked out by another student, so you SHOULD NOT rely on these models being available when you want them.

Course schedule: The dates and topics listed are provisional. The actual dates of the lectures will depend on many factors and will be adjusted as needed. Due to the nature of the material and the pace at which it will be presented it is strongly suggested that you read the material before attending class. Suggested readings are listed in Italics.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 15</td>
<td>Introduction to AP II</td>
</tr>
</tbody>
</table>
| 20 | Heart  
Chapter 17 |
| 22 | Heart  
Continue Chapter 17 |
| 27 | Heart  
Continue Chapter 17 |
| 29 | The histology of blood vessels (pp. 519 – 525), begin major arteries of the body  
pp. 525 – 535 |
| Feb. 3 | Finish major arteries, major veins of the body  
pp. 534 – 543 |
| 5 | Blood: General functions and Blood cell types  
Chapter 16 |
| 10 | Blood: continue cell types, clinical correlations/anemias  
Continue Chapter 16 |
| 12 | Review for exam I |
| 17 | Exam I |
| 19 | Respiratory system: Mechanism of breathing and Upper respiratory structures  
Chapter 20 |
| 24 | Respiratory system: Lungs  
Continue Chapter 20 |
| 26 | Respiratory Physiology  
Continue Chapter 20 and pp. 754 – 756 |
### Course Schedule (continued)

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
</table>
| March 3 | The state of health care in America  
Guest speaker: Dr. Randy Wykoff, Dean ETSU College of Public Health |
| 5      | Digestive system: histology of the gut tube, oral cavity  
*Chapter 21 (pp. 640 – 648)* |
| 10 & 12 | SPRING BREAK (study hard)                                             |
| 17     | Digestive system: the GI tract  
*Continue Chapter 21 (pp. 648 – 658, 667 – 671)* |
| 19     | Digestive system: accessory structures and digestive physiology  
*Continue Chapter 21 (pp. 659 – 667, 671 – 677)* |
| 24     | Review for exam II                                                   |
| 26     | Exam II                                                              |
| 31     | Urinary System: Anatomy  
*Chapter 23* |
| April  2 | Urinary System: Physiology  
*Continue Chapter 23 and pp. 756 – 760* |
| 7      | Reproductive Systems: meiosis, begin Female reproductive system  
*pp. 756 – 768, 781 – 799* |
| 9      | Finish Female reproductive system  
*pp. 767 – 781* |
| 14     | Male reproductive system  
*pp. 767 – 781* |
| 16     | Finish Male reproductive system, Clinical correlations of the reproductive systems |
| 21     | Recap reproductive systems                                           |
| 23     | Review for exam III                                                  |
| 28     | Exam III                                                             |
| 30     | Make up exams                                                        |

**Final Exam:** Thursday, May 7<sup>th</sup>, 2009, 1:20 – 3:20 p.m.

**Other important dates:**  
- Last day to drop without a grade of “W”  
  Wednesday, Jan. 28<sup>th</sup>  
- Last day to drop without dean’s permission  
  Friday, March 6<sup>th</sup>