

# HUMAN ANATOMY & PHYSIOLOGY

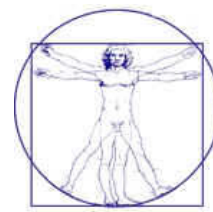
## COURSE OUTLINE & EXPECTATIONS

MS. AMANDA SMITH

Room 319

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Website- <http://smithclassroom.tripod.com>



This course is an introduction to Human Anatomy and Physiology. It is designed to familiarize students with the structure and function of the human body. Students will be asked to become fluent with a great deal of vocabulary and be able to identify the parts of the different body systems. This subject has a large amount of new and difficult material to cover during the school year, which means the class will be both rigorous and fast paced.

### Required Materials:

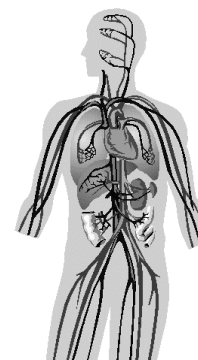
- Student Planner
- Binder
- White, college-ruled notebook paper
- Pencil with eraser
- Blue or Black ink pen (**no bright-color gel pens, please**)
- Colored pencils
- Note cards for making flashcards
- 3 subject, college-ruled, spiral notebook
- Book Cover

### Evaluation:

A variety of evaluation methods will be used to monitor the student's progress.

- ✓ Daily out-of-class reading assignments with study guides
- ✓ Daily in-class discussions and notes
- ✓ Weekly reading quizzes
- ✓ Unit exams
- ✓ Research projects (both group and independent)
- ✓ Labs including dissections of animal specimens

Students will be expected to participate in all labs and group activities in class. Dissections will make up a large number of the labs and students will be expected to take part. No dissection alternative will be offered.



### DoDEA Course Description:

**Major Concepts/Content:** Human Anatomy & Physiology is an elective course for students with a special interest and high motivation for an in-depth study of normal human structures and functions. Information is presented in an integrated approach with science as inquiry, science & technology, science & social perspectives, and the history & nature of science. The course integrates biology and chemistry using unifying concepts and processes of systems, order & organization, evidence, models & explanation, change, consistency & equilibrium, and form & function. Scientific inquiry and understanding about inquiry are emphasized through practical and meaningful applications. Topics students study include the muscular, nervous, digestive, respiratory, circulatory, excretory, endocrine, and reproductive systems, and genetics.

### Unit Calendar – Weekly Breakdown:

Unit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Introduction to Anatomy and Physiology	■	■	■	■																																
The Skeletal, Muscular and Integumentary Systems					■	■	■	■	■																											
Blood, Circulatory, Lymphatic, Immune & Respiratory										■	■	■	■	■	■	■	■	■																		
The Digestive and Urinary Systems																			■	■	■															
The Nervous and Endocrine Systems																						■	■	■	■	■	■									
The Reproductive System and Growth & Development																												■	■	■	■	■	■	■	■	■



**Grading:**

*Bellringers:*

Students will receive points each day for their daily start-up activity.

*Notebook:*

Regular notebook checks will allow students to receive 10-20 points for maintaining neat and organized notes.

*Assignments:*

Activities, labs and research projects will be given point values depending on their level of difficulty and required time. The more involved assignments will receive more points.

*Quizzes:*

Regular quizzes will be given to assess learning and ensure understanding of homework assignments. These will be worth between 20-50 points each.

*Tests:*

Tests will be given in the middle and at the end of each unit and will be worth approximately 100-150 points.

*Extra Credit:*

Students will have the opportunity to bring in news articles pertaining to our subject matter to earn extra credit points.

**Grading Scale:**

A 93-100%	C+ 77-79%
A- 90-92%	C 73-76%
B+ 87-89%	C- 70-72%
B 83-86%	D 60-69%
B- 80-82%	F below 60%

**Missing Work:**

***Absences:***

1. It is the student's responsibility to find out what was missed on the day that he/she was absent. Daily agendas and homework assignments can be found by visiting the classroom website: <http://smithclassroom.tripod.com>
2. The student has 1 day for each day he/she is absent to make up daily work and receive full credit.
3. Tests and quizzes will need to be made up in seminar, before, or after school one day following the excused absence.

***Late Assignments:***

Late assignments will be accepted for partial credit. For each day the assignment is late 10% will be taken off of the earned score.

**\*\*This class includes several labs and in class activities, so it is very important that students attend class and participate each day. \*\***



**Student Resources:**

Classroom Website: <http://smithclassroom.tripod.com>

This website is designed to assist students with their work in Human Anatomy class. Students can find the classroom agenda, homework assignments, project outlines, bellringers, copies of handouts, and updated grade reports.

Text Book: Essentials of Human Anatomy and Physiology, Seventh Edition by Elaine N. Marieb

Text Book Support Website:

<http://ocawlonline.pearsoned.com/bookbind/pubbooks/ehaplace/chapter0/deluxe.html>

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I strongly encourage students and parents to contact me at any time with questions or concerns. I am available to assist students before or after school as well as by appointment.

Please sign the bottom indicating that you have read and understand the above outline and expectations.

Print Student Name: \_\_\_\_\_

Student Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_

**Please detach this section and return to Ms. Smith by Tuesday, September 2, 2008**