

Human Anatomy  
Semester 1: 6<sup>th</sup> period  
2010-2011

Instructor: Mr. Ekren

Course Number: 186

Credit Hours: ½ credit hour

Prerequisites: Successful completion of Biology 10

Room#: 108

Special fees and/or tools needed for course:

A three ring binder is required to be used for Anatomy only. The binder will contain most of your classroom work and observations over the semester. You are expected to bring your binder, pen or pencil and any assignments to class each day. Textbooks will not be handed out, but kept in the room for reference only. You may check out the "Photographic Atlas of Anatomy and Physiology."

Dissection Lab Days: Please dress in clothes that you can get dirty and also wear closed toed shoes.

Instructor Information:

Phone number (school): 218-338-6011 ext. 108

Email (best way to contact me): [tekren@pp.k12.mn.us](mailto:tekren@pp.k12.mn.us)

Times available to meet with students:

Semester 1: 2<sup>nd</sup> & 4<sup>th</sup> period

Semester 2: 3<sup>rd</sup> & 4<sup>th</sup> period

(\*Additional times available upon request)

Course Objective: In the first half of Anatomy (Anatomy A), you will get an introduction to the human body with an overview of some of those body system's structure and function. We will also look at maintaining life and homeostatsis, with some in depth glances at body tissues. We will explore the skeleton & musculature of the body before detailing the nervous system. Our dissections will include the fetal pig and cow eye.

Mr. Ekren's commitment to you:

1. *My goal is to teach you and I will do that the best way I know how. I will work with you to find out the most effective way for you to learn and enjoy your time in this class.*
2. *Anatomy is an upper level science course, which automatically makes it rigorous. There is a great deal of information concerning the human body so we must move through parts of the information rather quickly. Stay on top of things and prepare for tests and you will be in good shape.*
3. *It is important that you get at least something of a feel for a college type course. Grades are earned and you will have to spend time earning those grades.*
4. *It is my hope that you will come out of this class better prepared if you are college bound or not. I also hope that you will be even more amazed by the human body.*

Major Units of Study:

1. The Human Body: An Orientation/Introduction
  - a. The language of anatomy
  - b. Organ systems overview
  - c. Cells and body tissues
  - d. Fetal pig dissection
2. The Framework
  - a. Skeletal bones
  - b. Muscles
3. The Brain/ The Nervous System
  - a. Communication
  - b. Learning/memory
  - c. Neurotransmitters
4. Special senses
  - a. The eye
  - b. Eye dissection
  - c. The ear
  - d. The chemical senses

Course Requirements/Hints for Success:

1. Be to class on time.
2. Have a pulse during class, meaning pay some attention.
3. Participate; this is a fairly small class so your questions and direct participation in activities will weigh heavily on your grade.
4. Take detailed notes when necessary.
5. Pay attention to the completion of all reading and research assignments.

6. Think and Reason! Learning is an active process.
7. ASK if you would like some help.

Course Policies:

*Assignments: Late assignments will receive a 50% reduction in score and assignments will not be accepted 3 weeks after their due date. A score of 0 will then be put into the grade book.*

*Attendance: Regular attendance is important so that you may stay on pace with the class. If you miss time \*I will place your missed work in the fill folders along the north wall of the room. Always check there first when you are gone and then ask me if you have any questions. If you miss a quiz or test please see me right at the beginning of class.*

*Grading: You will be graded in two areas and those two areas are weighted accordingly.*

1. Concepts (50%)
2. Anatomical Structures (50%)

*A grade scale is located at the front of the room, it follows the standard 92%, 83%, 74%, 65%. Each major assignment will be accompanied by a checklist and a breakdown of how it will be scored. You will get this before we start so you have a better idea of what is expected of you.*

Academic Dishonesty:

Science Department's Cheating Policy

*Cheating will not be tolerated*

*Any offense for a student involved in cheating will result in a zero for that assignment, project, quiz, or test. If another person was actively involved in the cheating, that person will also receive a zero.*

*Plagiarism on an assignment will result in redoing the assignment for half the credit.*

*\*All cheating will be reported to the Parkers Prairie High School Administration for discipline above and beyond my own.*

*\*\*Remember that behavior that looks suspicious will be considered guilty and the disciplinary measures stated above would then be put into effect.*

*\*\*\*The expression of opinions and viewpoints are encouraged in this class and are to be respected as opinions. They are however just that, opinion, and are useful in the encouragement and fostering of creative ideas. Please listen to classmates and also please express your view when appropriate.*