

# Medical Anatomy I & II

## COURSE SYLLABUS

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## Course Description

This course will prepare students for a health career cluster major. Students completing this course will develop knowledge and associated skills related to human anatomy and physiology which are necessary to all occupations in the health career cluster. This course focuses on anatomy/physiology, disease processes and current health issues and concerns. A lab component will be required for each unit, including dissection. Dissections will include eye, kidney, heart, brain, uterus and fetal pig. Upon successful completion of the course, you may receive Tech Prep credit in anatomy/physiology at Anoka Hennepin, St. Cloud Technical College, and other community colleges. You can also participate in the HOSA student organization in this course.

## Units

The course is organized in ten units. Each unit will focus on various body systems, and the diseases that correspond to the systems. We will also discuss medical ethics, and analyze different situations. As we travel through each system, we will learn medical terminology and health careers appropriate for that system. You will know thousands of medical terms by the end of the course.

## Materials

- 3-ring binder (1- 1 ½") with pockets and loose paper for note taking
- 5 Packs of 3x5 notecards

## Textbook

- Marieb, Elaine N. (2010). ESSENTIALS OF HUMAN ANATOMY & PHYSIOLOGY, 9th edition. Redwood City, CA. The Benjamin/Cummings Publishing Co, Inc.

## Course Outcomes

### Human Body Systems:

1. Identify the organs and structures of the body systems.
2. Identify the anatomy of each body system.
3. Explain the basic physiology of each body system.
4. Define medical terminology related to each body system.
5. Participate in labs.
6. Dissect animal organs.
7. Practice diagnostic skills related to physiology.
8. Build models of various body systems/organs.
9. Demonstrate knowledge of basic disease processes related to each body system.
10. Research a controversial health/medical issue and produce a written report.
11. Demonstrate working knowledge of body structure and functions.
12. Demonstrate respect for the rights, views and work of others.

## Classroom Policies

-Respect: others right to learn, teach, talk, listen, and participate! I expect all people in this room will act responsibly and respectfully. This is a college course, and though we have fun, we expect you to act appropriately.

-Cell Phones: It is a district policy that cell phones are banned. They will be confiscated if used during class time.

-Absences and Tardies: as per school policy. **If you are absent, it is your job to get materials from those absences and catch up in a timely manner according to the school's guidelines.**

-Assignments and due dates will be posted and up-held. If there is an issue with the due dates, talk to me **before** the day it is due so that we can agree on a due date adjustment.

-If a test is missed, you will have to make it up upon your return, **prior** to the next unit test.

Make-up tests will cover the same objectives however will be administered in essay format.

-It is the responsibility of the **student** to schedule any make up work or assessment in a timely manner, which must be prior to the next unit test.

-Only professional behavior and etiquette will be welcomed in this class.

-Critical Thinking will be expected.

## Tech Prep

Any student scoring an average of an 80% for all Unit Tests is eligible for Tech-Prep. Tech-Prep is Technical College credits given for A&P (4 credits) when a student has proven that she/he can successfully complete this course with at least an 80% on tests taken for that subject. The advantages of graduation from high school with some college credits are obvious: it saves time and money. It also looks good on your resume and/or job application. Of course, in addition to earning college credit, you will be earning high school credits as well (1 credit for each course). The instructor has the right to withhold Tech Prep credit from any student for reasons of plagiarism, cheating or other inappropriate behavior.

## Evaluation of Learning

The course outcomes are converted to points/percentages and to grades. The grades will be:

<b>A</b>	=	<b>90-100%</b>
<b>B</b>	=	<b>80-89%</b>
<b>C</b>	=	<b>70-79%</b>
<b>D</b>	=	<b>60-69%</b>
<b>F</b>	=	<b>below 60%</b>

## Co-curriculum

Students are invited to join HOSA (Health Occupations Students of America.) This is a state and national organization recognized for community service and medical competitive events.

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