# **Syllabus – Medical Anatomy and Physiology ~ MAP**

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| Course website: |
| [www.behsscience.com](http://www.behsscience.com) |
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| **Text:** |
| ***Hole’s Essentials of Human Anatomy and Physiology* (**This text will be given to you during the trimester. If lost a charge of $50 will be issued replace book) |
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**Contact information:**

##### Instructor: Peter Burt

Phone: office (435) 734-4840

Cell: 435-279-0121

### Room: A-2

Email: **peter.burt@besd.net**

### Office hours: by appointment

**Objectives:**

This full-year program provides students with an in-depth study of health care careers in each of the five Health Care Pathways. Instruction includes intermediate anatomy & physiology, medical terminology, diseases and disorders, medical ethics and first aid. The class is designed to prepare students for Advanced Health Science courses and/or for a variety of Health Technology programs.

**Grading:** Exams will mainly be from material covered in class but will also include information from the textbook or other assigned readings.

**Exams** –

* **Unit exams worth 50 points each**. The unit exams may contain review questions from previous material. There are 6 unit exams per trimester.
* **Final exam** **worth 150 points.** The final exam will be comprehensive from material from the entire trimester. There is a final each trimester.
* **A series of quizzes, career reports, homework and projects worth 100 points.** The assignment dates will be announced in class at least two days before quizzes are given.
* **Daily Bell Quizzes 125 points:** Monday through Thursday we will do a quiz of 3 questions. (Totaling ~ 144 questions). This will be totaled out of 125 points at the end of the trimester. (No extra credit as per school policy)
* **Skills Test:** **100 points:** At the end of this class, you will be required to take a State Skills Assessment. If you obtain 80% or higher you receive a certificate of completion. If you pass you will receive 100 points. If you don’t, you will receive 70 points.

**TOTAL Points for the course will be 675 points. (675 for the MAP A and 775 for MAP B)**

Exams will be multiple choices. Exams will be based on material covered in class, the textbook, online text resources, and any readings I may assign. Notes, books, cell phones, electronic devices etc. are not allowed. You will need to have all of these materials put away. If any of these are found, your exam will be taken. Make sure cell phones are turned off.

**There are no make-up exams:** If you are unable to take the exam at the scheduled time due to a valid reason (which includes: school sponsored activities, military service, death or serious illness in your family) you may be able to take an exam early. You will need to contact me 48 hours in advance of the scheduled exam time to arrange to take the exam early. Be advised that if you take an exam early, it may be a different exam and different format then if you took the exam at the scheduled time.

**Grades are assigned as follows:** Your scores will be posted on SIS

By keeping track of your own scores you can calculate your grade at any point in the semester.

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| 93-100% A | 87-89% B+ | 77-79% C+ | 67-69% D+ |
| 90-92% A- | 83-86% B | 73-76% C+ | 60-66% D |
|  | 80-82% B- | 70 – 72% C- | Less than 60% F |

**Your grade is based on the percentage you have earned. I will not adjust your grade.**

Cheating is not tolerated. Refer to the school’s academic honesty policy for any questions.

Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973.

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| Week of | **Topic** | **Text** |
| Aug. 26 | **Students will explore careers in health care and describe the body plan and organization and homeostasis (11)** | Chapter 1 pg. 1-17 |
| Sep. 2 | See above | Chapter 1 pg. 1-17 |
| Sep. 9 | **Students will explain basic principles of body chemistry (3)** | Chapter 2 pg. 30-48 |
| Sep. 16 | **Students will describe basic concepts of structures and functions of cells, histology, and the integumentary system (10)** | Chapter 4-5 pg. 74-109 |
| Sep. 23 | See above | Chapter 6 pg. 112-124 |
| Sep. 30 | **Students will describe the structures and functions of the skeletal system and its components (10)** | Chapter 7 pg. 125-167 |
| Oct. 7 | See above | Chapter 7 pg. 125-167 |
| Oct. 14 | **Students will describe the structures and functions of the muscular system and its components (10)** | Chapter 8 pg. 168-201 |
| Oct. 21 | See above | Chapter 8 pg. 168-201 |
| Oct 28 | **Students will describe the structures and functions of the nervous system and special senses (9)** | Chapter 9 pg. 202-247 |
| Nov. 4 | See above | Chapter 10 pg. 248-275 |
| Nov. 11 | REVIEW FOR FINAL | Chp 1-10 |
| Nov. 15 | ***FINAL EXAM*** |  |

Unit exams will be the final Friday for every Unit of Study.

##### **\*Tentative Schedule for MAP – Box Elder High School**

The syllabus is a general guide for what and when we will cover certain topics. You are responsible for the material covered before each exam and any reading in the text or other assignments regardless of where or if it appears on the syllabus.