**Mr. Friedrich: Sports Medicine and Rehab Aide**

**9th/10th Grade Medical Terminology Syllabus:**

**Explanation**: During this class you will be learning at least 1,000 medical terms, most of which will be new to you. You will learn the origins of medical language. You will also learn how medical words are broken down and what they are broken down into: word parts, combining vowels, prefixes, suffixes and word roots. There will be many quizzes throughout the chapters to make sure you understand the vocabulary before taking the chapter exam. To also enhance learning, you will be asked to develop sentences using the terminology as well as read and fill out medical documentation (charts, evaluation sheets, etc.). There will be vitals labs and other labs and projects throughout the year to help students understand the terminology.

**To start the year** we will be going over the Health Careers Safety Manual and having a quiz/exam on that to make sure the students understand safety in the medical field workplace.

After we go through the safety manual, we will go into Blood Borne Pathogens (BBPs). Learning about BBPs helps students to understand infection control and how to prevent infection and how to protect themselves against getting a BBP while in patient contact. We will have a quiz/exam on this material.

Throughout the course of the school year we will also learn about basic sports medicine concepts. While using the Basic Sports Medicine concepts text, we will learn about the history of sports medicine and the sports medicine team(athletic trainers, physicians, physical therapists, etc). We will learn basics of injuries (how and why they occur). There will also be sports medicine specific medical terms that will be taught.

**Healthcare/Sportsmedicine skills to be learned:**

Handwashing

Vital Signs (BP, Height/Weight, Pulse, Respirations, Temperature)

Basic Tapings (Ankle, Wrist, Shoulder Spica)

Basic concepts regarding medical documentation as we learn medical terminology

**Textbook to be used: Exploring Medical Language: A Student Directed Approach 8th Edition**

**Part I:** Introduction to Word parts and Human Body Structure

1. Introduction to Medical Language
2. Body Structure, Color, and Oncology
3. Directional Terms, Planes, Positions, Regions, and Quadrants

**Part II:** Body Systems

1. Integumentary System
2. Respiratory System
3. Urinary System
4. Male Reproductive System
5. Female Reproductive System
6. Obstetrics and Neonatology
7. Cardiovascular, Immune, and Lymphatic Systems and Blood
8. Digestive System
9. Eye
10. Ear
11. Musculoskeletal System
12. Nervous System and Behavioral Health
13. Endocrine System

**Sports Medicine Text used: Basic Athletic Training, 6th Edition**

**Chapter 1:** Organization and Administration

**Chapter 2:** Recognition, Evaluation, and Management of Athletic Injuries

**Chapter 3:** Injuries and the Healing Process

**Chapter 4:** Biohazardous Protocols and Skin Conditions

**Chapter 5:** Preventive and Supportive Techniques

**Chapter 6:** Foot, Ankle, and Lower Leg

**Chapter 7:** Knee and Thigh

**Chapter 8:** Hip and Pelvis

**Chapter 9:** Thorax and Abdomen

**Chapter 10:** Head, Neck, and Spine

**Chapter 11:** Shoulder and Upper Arm

**Chapter 12:** Elbow, Forearm, Wrist, and Hand

**Chapter 13:** Environmental and Other Important Issues to Consider in Athletic Health Care