

**COURSE NUMBER:** 1403  
**COURSE TITLE:** Medical Terminology  
(WITCC Program: Health Occupations)  
**COURSE LENGTH:** Semester  
**PREREQUISITE:** Introduction to Health Occupations is strongly suggested.  
**CREDITS:** High School--1 Credit  
WITCC--3 credits  
Meets every other day for one block during the spring semester.  
**GRADE LEVEL:** 11, 12

**COURSE DESCRIPTION:**  
**AHS 1230 Medical Terminology** (3 semester credits)

This self-directed learning course introduces professional medical vocabulary through study of word elements, spelling, pronunciation via audio cassettes, specialized diagnosis and treatment terms. Includes all body systems, diagnostic procedures and basic pharmacology. This presents medication terminology as the language of medicine. Studies spelling, pronunciation and usage, emphasis

**COURSE RATIONALE:** A basic understanding of medical terminology is fundamental to all persons working within the health care profession. Correct pronunciation and spelling are necessary when communicating patient care among other professionals of the health care team.

**METHOD OF INSTRUCTION:**

Lecture including guest lecturers, group activities, reading, class discussion, films (videos), field trips, job shadowing, class projects/presentations, quizzes, exams, and skill labs.

**ASSESSMENT:**

Projects, tests, participation in class, current events/journal, quizzes, worksheets, skills lab, job shadowing, preparation for class.

**CRITICAL OBJECTIVES:**

Students will:

1. Define the terms related to diagnosis, pathology and treatment disorders of the muscular system.
2. Define the terms related to muscles and muscle action.
3. Describe the heart in terms of: chambers, valves, the heartbeat, and heart sounds.
4. Differentiate between the three different types of blood vessels.
5. Describe the difference between pulmonary and systemic circulation.
6. Identify the major components of blood and the functions of each.
7. Describe the major functions of the lymphatic system.
8. Describe the major functions of the immune system.
9. Identify the different types of immunity.
10. Describe three types of pathogenic organisms.
11. List six types of diseases.
12. Describe the major structures of the respiratory system.
13. Define the major terms related to diagnosis, pathology and treatment of disorders of the respiratory system and the glands that are included in the endocrine system.
14. Describe the functions of the endocrine glands.
15. State the role of the endocrine system in regulating other body systems.
16. Identify the major organs of the male and female reproductive system.
17. Define the terms related to the diagnosis, pathology and treatment of disorders of the male and female reproductive system.
18. Describe the basic diagnostic procedures.

19. Identify the basic diagnostic positions.
20. Differentiate between the action of X-rays and nuclear imaging.
21. Differentiate between protection and position during basic radiographic projections.
22. Define the terms used to describe the major types of mental disorders.
23. Differentiate between neurotic disorders and psychoses.
24. Define pharmacology and the basic terms related to it.
25. Identify the routes of drug administration.
26. Describe three types of injections.
27. Define terms associated with anesthesia, analgesics and commonly used groups of drugs.

**This course will transfer to a community college 2 year program and may fulfill an elective requirement for a four year college.**

**College courses held at the WITCC campus and the Auto Tech Center will follow the WITCC calendar. This means that inservice days and early dismissals for teacher inservice or holidays may be different than the Denison High School calendar.**

