Department:

Biology

Course Description:

This course is designed to teach basic competency in the vocabulary and comprehension of medical terms. The course will focus on word attack skills for medical terms. The course can serve as preparation for academic success in Human Anatomy.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Define the three basic categories of word parts used in building medical terms.
2. Identify the root and prefix in any medical term.
3. Define and correctly spell the medical terms associated with the systems of the body.
4. Formulate the appropriate medical term from reading a medical description.
5. Relate medical terms to the general anatomy of the body.
6. Use the Internet and demonstrate computer skills.

Course Content:

A. Introduction to word parts
   1. Word root
   2. Suffix
   3. Prefix
   4. Combining vowel, combining form
   5. Analyzing and defining medical terms

B. Body structure, color, and oncology
   1. Organization of the body
   2. Body cavities
   3. Combining forms commonly used with body structure terms
   4. Combining forms for terms that describe color
   5. Oncology terms

C. Directional terms, anatomic planes, and quadrants
   1. Word parts for directional terms
   2. Directional terms
   3. Anatomical abdominal regions
   4. Abbreviations

D. Integumentary System
   1. Anatomy of the skin
   2. Word parts
   3. Medical terms – disease and disorder terms
   4. Surgical terms from word parts
5. Common abbreviations
E. Respiratory System
   1. Organs
   2. Word parts and combining forms
   3. Prefixes
   4. Suffixes
   5. Disease and disorder terms
   6. Procedural terms
   7. Common abbreviations
F. Urinary System
   1. Organs
   2. Word parts
   3. Disease and disorder terms
   4. Surgical terms
   5. Procedural terms
   6. Common abbreviations
G. Male and Female Reproductive Systems
   1. Anatomy and physiology
   2. Vocabulary
   3. Word elements
   4. Pathological conditions
   5. Sexually transmitted diseases
H. Obstetrics and Neonatology
   1. Pregnancy
   2. Physiological changes during pregnancy
   3. Complications of pregnancy
   4. Signs and symptoms of labor
   5. Common abbreviations
I. Cardiovascular and Lymphatic Systems
   1. Structures of the cardiovascular system
   2. Structures of the lymphatic system
   3. Disease and disorder terms
   4. Surgical terms
   5. Procedural terms
   6. Common abbreviations
J. Digestive System
   1. Organs
   2. Word parts and combining forms
   3. Disease and disorder terms
   4. Surgical terms
   5. Procedural terms
   6. Common abbreviations
K. Eye and Ear
   1. Anatomy
   2. Word parts and combining forms
   3. Disease and disorder terms
4. Surgical terms
5. Procedural terms
6. Common abbreviations

L. Musculoskeletal System
   1. Anatomy
   2. Actions of the muscles
   3. Combining forms for joints
   4. Disease and disorder terms
   5. Surgical terms
   6. Procedural terms

M. Nervous System and Common Behavioral Health Terms
   1. Organs of the Central Nervous System
   2. Organs of the Peripheral Nervous System
   3. Disease and disorder terms
   4. Procedural terms
   5. Common abbreviations

N. Endocrine System
   1. Vocabulary
   2. Word elements
   3. Pathological conditions
   4. Diagnostic techniques and procedures
   5. Common abbreviations

**Learning Assessments:**

The primary method of evaluation will be a test or tests over each subject area covered by the course content. Students may also be given various assignments and quizzes over the material.

**Instructional Materials:**


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**Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition**

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.
In order to begin the process all students must complete the “Disabilities Self-Identification Form” at this link: https://highlandcc.edu/pages/disability-services.

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.