

# MEDICAL TERMINOLOGY I

## Pierce County Careers Connection Dual Credit Articulation Agreement

Upon completion of high school courses equivalent to the following competencies:

- Upon completion of this module students will be able to:
  - State the rule for using multiple word roots in a compound word.
  - Accurately define the terms word root, suffix, prefix, and combining vowel/form.
  - Evaluate the importance of meeting deadlines.
  - Work independently or in diverse teams.
  - Define and state the rules for using suffixes and prefixes.
  - List the five body cavities and the organs contained within them.
  - Identify regions, structural organization, and directional terms relating to the body.
  - List the major structures of the skin and their functions.
  - Identify the functions of the skeletal systems as well as classifications of bones.
  - Spell and pronounce each term as it is introduced
  - Identify the basic pathological conditions of each body system listed below, and explain the diagnostic techniques used to evaluate and treat each condition.
    - ◆ Integumentary
    - ◆ Digestive
    - ◆ Musculoskeletal
    - ◆ Cardiovascular
    - ◆ Nervous
    - ◆ Blood and lymphatic
    - ◆ Respiratory
  - Identify different types of muscles and label them on the appropriate diagram.
  - Proofread transcription exercises re: muscles/joints and cardiovascular systems.
  - Define the different range-of-motion movements of the skeletal muscles.
  - Identify the structures and anatomical terms relating to the nervous system.
- Explain the common diagnostic procedures common to the nervous systems.
  - ◆ EEG
  - ◆ Lumbar Puncture
  - ◆ Cat Scan
  - ◆ Brain Scan
  - ◆ MRI
- State the difference between afferent and efferent nerves.
- List the structures of the central and peripheral nervous system.
- Explain the major function of the blood and lymphatic system.
- Label the pathway of blood as it travels through the heart, to the lungs, and back through the heart.
- List the major functions of the cardiovascular system.
- Define common cardiovascular signs and symptoms, conditions, congenital heart diseases, and heart arrhythmias.
- List the major functions of the respiratory system, and the difference between external and internal respiration.
- Define common respiratory signs and symptoms (non-specific and pathological):
  - ◆ Apnea
  - ◆ Nosebleed
  - ◆ Sneeze
  - ◆ Cough
  - ◆ Cyanosis
  - ◆ Wheezing
- Identify and label the structures of the digestive system
- List five basic functions of the digestive system
- Identify and define ten common pathological conditions of the digestive system
- List and define at least 10 abbreviations common to the digestive system.

A student earning a "C" grade or better may earn college credit at one of the following colleges:

| <u>College</u>          | <u>Course</u>                 | <u>Credit</u> |
|-------------------------|-------------------------------|---------------|
| Bates Technical College | AMA 117 (51.0716)             | 4             |
| Pierce College          | BTECM 150 (CIP Code: 51.0716) | 5             |