

Health Science III

Standards, Competencies, & Evidence of Mastery

This document accompanies the Missouri Health Science III Instructional Framework and lists the standards and competencies from the National Healthcare Skill Standards relevant to the Missouri Health Science III (Anatomy and Physiology; Medical Terminology; Diseases; Pathophysiology) Instructional Framework. Also included are evidence of mastery statements aligned to the instructional framework. The standards and competencies are listed and coded according to their order in the National Healthcare Skill Standards, published by the National Consortium for Health Science Education.

Potential Content:

Soft Skills, Customer Service	Diseases	Informatics
Communication	Medical Terminology, Abbreviations, Prefixes, Suffixes and Root Words	Science Embedded Credit
Anatomy & Physiology	Health Maintenance Practices	Treatments, Surgeries, Procedures
Body Systems, Body Structure and Function		

Foundation Standard 1: Academic Foundation

Healthcare professionals will know the academic subject matter required for proficiency within their area. They will use this knowledge as needed in their role. The following accountability criteria are considered essential for students in a health science program of study.

1.1 Human Structure and Function

- 1.11 Classify the basic structural and functional organization of the human body (tissue, organ, and system).
- 1.12 Recognize body planes, directional terms, quadrants, and cavities.
- 1.13 Analyze the basic structure and function of the human body.

1.2 Diseases and Disorders

- 1.21 Describe common diseases and disorders of each body system (prevention, pathology, diagnosis, and treatment).
- 1.22 Recognize emerging diseases and disorders.
- 1.23 Investigate biomedical therapies as they relate to the prevention, pathology, and treatment of disease.

1.4 Human Development & Needs

Foundation Standard 2: Communications

Healthcare professionals will know the various methods of giving and obtaining information. They will communicate effectively, both orally and in writing.

2.2 Medical Terminology

2.21 Use roots, prefixes, and suffixes to communicate information.

2.22 Use medical abbreviations to communicate information.

2.3 Written Communication Skills

2.31 Recognize elements of written and electronic communication (spelling, grammar, and formatting).

Foundation Standard 9: Health Maintenance Practices

Healthcare professionals will understand the fundamentals of wellness and the prevention of disease processes. They will practice preventive health behaviors among the clients.

9.1 Healthy Behaviors

9.11 Apply behaviors that promote health and wellness.

9.12 Describe strategies for the prevention of diseases including health screenings and examinations.

9.13 Discuss complementary (alternative) health practices as they relate to wellness and disease prevention.