

Bemidji State University

BIOL 1111: Anatomy and Physiology for Allied Health I

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is designed as the first semester of a year-long human anatomy and physiology course for allied health students including nursing and community health. The course covers aspects of the structure, function, and development of the human body from the cellular level through an introduction to the nervous system. Both lecture and laboratory are required.

B. COURSE EFFECTIVE DATES: 08/27/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Anatomy and Physiology from cellular level to nervous system
2. Atoms, Ions, and Molecules
3. Biological Molecules
4. Energy, Reactions, Metabolism
5. Cell Structure and Function
6. Axial and Appendicular Muscles
7. Axial and Appendicular Skeleton
8. Bone Structure and Function
9. Brain and Cranial Nerves
10. Integumentary System
11. Muscle Tissue
12. Nervous Tissue
13. Skeletal Articulations
14. Spinal Cord and Spinal Nerves

D. LEARNING OUTCOMES (General)

1. apply anatomical and physiological concepts in a healthcare environment.
2. develop a working vocabulary of anatomical and physiological terminology.
3. identify the anatomical structures of all body systems.
4. understand cellular and chemical principles associated with the human body.
5. understand the physiological and chemical mechanisms of all body systems.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted