Bemidji State University

BIOL 2110: Human Anatomy and Physiology

A. COURSE DESCRIPTION
   Credits: 5
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   The structure, function, and development of the human body. Lecture and laboratory. Prerequisite(s): BIOL 1400 or BIOL 1500.

B. COURSE EFFECTIVE DATES: 09/03/2002 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Intro to Human A & P; Homeostasis; Feedback Control
   2. Chemistry
   3. Cell Structure and Genetic Regulation
   4. Enzymes
   5. Metabolism
   6. Cellular Membrane: Transport and Potential
   7. Histology
   8. Integumentary System
   9. Skeletal System
  10. Articulations
  11. Muscular System
  12. Nervous System
  13. Sensory System
  14. Endocrine System
  15. Cardiovascular System
  16. Lymphatic System
  17. Respiratory System
  18. Urinary System
  19. Digestive System
  20. Reproductive System
  21. Embryology and Inheritance
D. LEARNING OUTCOMES (General)
   1. identify the anatomical structures of all body systems.
   2. understand cellular and chemical principles associated with the human body.
   3. understand the physiological and chemical mechanisms of all body systems.
   4. develop a working vocabulary of anatomical and physiological terminology.
   5. develop acceptable laboratory dissecting techniques.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted