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: BIOL 1110 or BIOL 1211.

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