Bemidji State University

BIOL 3260: Human Physiology

A. COURSE DESCRIPTION

Credits: 4  
Lecture Hours/Week: *.*  
Lab Hours/Week: *.*  
OJT Hours/Week: *.*  
Prerequisites: None  
Corequisites: None  
MnTC Goals: None  

Physiological and pathophysiological principles and control mechanisms of organ systems within humans. Lecture and laboratory. Prerequisites: BIOL 1400 and (CHEM 1111 or CHEM 2211); or consent of instructor.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Cardiovascular System  
2. Cellular Control Mechanisms  
3. Cellular Metabolism  
4. Cellular Structure and Function  
5. Chemical and Physical Principles  
6. Digestive System  
7. Endocrine System  
8. Integumentary System  
9. Introduction to Physiology; Homeostasis  
10. Lymphatic System  
11. Muscular System  
12. Nervous System  
13. Pathophysiology  
14. Reproductive System  
15. Respiratory System  
16. Sensory Physiology  
17. Skeletal System  
18. Urinary System

D. LEARNING OUTCOMES (General)

1. write one well-developed pathophysiological research paper using specific journal format.  
2. develop skills using physiological instruments used in laboratory projects.  
3. understand cellular, physiological, and chemical mechanisms of all body systems.  
4. present one well-developed pathophysiological seminar to class.  
5. develop a working vocabulary of medical physiological terminology.  
6. develop physiological research techniques used in laboratory projects.
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted