Course Title: Basic Anatomy and Physiology

Course Description:
This foundation course introduces basic human anatomy and physiology to students interested in healthcare. The course gives emphasis to normal anatomy and physiology of cells, tissue, organs and systems with overview of common Pathophysiology.

Course Prerequisite(s):
High school diploma or equivalent

Course Objectives:
1. Understand and name the basic structures and functions of the human body
2. Define the anatomical structures and functions of each system, organ, tissue, cell and the related terminology

Textbook(s):
Understanding Human Anatomy & Physiology, Sylvia S. Mader (Contact bookstore for current edition and cost)

Lesson Plan:
Session 1: Introductions, teaching methods and lesson on the Organization of the Body
Session 2: Quiz on Organization of the Body, lesson on Chemistry of Life and Cellular Structure and Function
Session 3: Quiz on Chemistry and Cell, lesson on Body tissues and Membranes
Session 4: Quiz on Body Tissues, lesson on Integumentary System
Session 5: Quiz on Integumentary System, lesson on Skeletal System; Joints and Movement
Session 6: Quiz on Skeletal System and Joints, lesson on Muscular System
Session 7: Quiz on Muscular System, lesson on Nervous System
Session 8: Quiz on Nervous System, lesson Sensory System
Session 9: Quiz on Sensory System, lesson on Endocrine System
Session 10: Quiz on Endocrine System, lesson on Blood
Session 11: Quiz on Blood, lesson on Circulatory System
Session 12: Quiz on Circulatory System, lesson on Respiratory System
Session 13: Quiz on Respiratory System, lesson on Reproductive System
Session 14: Quiz on Reproductive System, lesson on Digestive System; Urinary System
Session 15: Quiz on Digestive and Urinary System, Review for Final
Session 16: Final exam, course evaluation