



MED-C201 Anatomy and Physiology

Description:

MED-C201 delivers a thorough overview of the basics required for the study of the human body and how it functions. It walks students step by step through a general introduction to life functions, terminology and phonetic pronunciations as well as an overall review of human development and body processes. This edition is aligned with Precision Exams' Health Science Career Cluster. A media link feature directs students to 3-D anatomy, physiology and pathophysiology animations that bring chapter concepts to life. Career Profiles give students insight into growing health care professions.

Textbook: Body Structures and Function, 13th Ed. – Scott, Fong - ISBN: 9780357022351

Course objectives:

Throughout the course, you will meet the following goals:

- Identify and discuss the different branches of anatomy.
- Relate the importance of chemistry and biochemistry to health care.
- Identify the structure and function of each component of a typical cell.
- Define the function and location of tissues, membranes, and organs.
- Name and locate the bones of the skeleton and define the main types of joint movement.
- Name, locate and describe the function of the different muscle groups of the human body.

Contents:

Ch 1: Introduction to the Structural Units	Ch 12: Blood
Ch 2: Chemistry of Living Things	Ch 13: Heart
Ch 3: Cells	Ch 14: Circulation and Blood Vessels
Ch 4: Tissues and Membranes	Ch 15: Lymphatic System and Immunity
Ch 5: Integumentary System	Ch 16: Infection Control and Precautions
Ch 6: Skeletal System	Ch 17: Respiratory System
Ch 7: Muscular System	Ch 18: Digestive System
Ch 8: Central Nervous System	Ch 19: Nutrition
Ch 9: Peripheral and Autonomic Nervous System	Ch 20: Urinary/Excretory System
Ch 10: Special Senses	Ch 21: Reproductive System
Ch 11: Endocrine System	Ch 22: Genetics and Linked Diseases

Grading Scale

A = 90-100%
B = 80-89.9%
C = 70-79.9%
F = under 70%

Grade Weighting

Chapter Quizzes..... 70%
Final Exam..... 30%
100%