

Collin College - Continuing Education

Course Syllabus

Course Title: Basic Anatomy and Physiology

Course Number: MEDC 5310

Course Description: Introduction to basic human anatomy and physiology for students interested in healthcare. Topics will include normal human anatomy and physiology of cells, tissues, organs and systems.

Hours: 48

Course Prerequisite(s): High school diploma or equivalent

Student Learning Outcomes:

1. Identify and correlate cells, tissues, organs and systems in the human body.
2. Differentiate normal from abnormal structure and function.
3. Identify all body systems, their organs and relevant pathophysiology.

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

Withdrawal Policy: See the current *Career Skills Training* catalog for the tuition refund policy.

Collin College Academic Policies: See the current *Collin Student Handbook*.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-G200 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

Meeting Location: Courtyard Center.

Attendance Policy: Students must be in attendance for at least 90% in order to pass competencies.

Lesson Plan:

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| Session 1: | Introductions, teaching methods and lesson on the Organization of the Body |
| Session 2: | Lesson on Chemistry of Life and Cellular Structure and Function |
| Session 3: | Lesson on Body tissues and Membranes |
| Session 4: | Lesson on Integumentary System |

Session 5:	Lesson on Skeletal System; Joints and Movement
Session 6:	Lesson on Muscular System
Session 7:	Lesson on Nervous System
Session 8:	Lesson on Sensory System and Endocrine System
Session 9:	Lesson on Blood and the Circulatory System
Session 10:	Lesson on Respiratory System
Session 11:	Lesson on Reproductive System
Session 12:	Lesson on Digestive System; Urinary System
Session 13:	Review for Final
Session 14:	Final exam, course evaluation

Sessions listed are a guideline to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, labs, and days.

Method of Evaluation: Students must achieve a minimum of 75% final average and must be in attendance 90% of the class time in order to pass competencies.