

BIOL 1551 - Anatomy and Physiology 1

Fall 2026 Syllabus, Section 01, CRN 40468,

Credit hours: 3

Instructor

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Doctor of Chiropractic

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Public Instructor Information

Instructor Title: Lecturer

Instructor Professional Qualifications: Doctor of Chiropractic

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Course Description

1551. Anatomy and Physiology 1. Structure, function, and clinical applications of the integument, musculature, skeletal, and nervous systems.

Targeted for students in nursing and associated health professions. Three hours of lecture. Not applicable to the Biological Sciences major.

Restrictions: High school biology, High school chemistry. Prereq.: "C" or better CHEM 1501, and Level 20 or better on the MPT. Coreq.: BIOL 1551L. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Hole's Human Anatomy and Physiology	Charles J. Welsh and Cynthia Prentice-Craver	978-1-264-67296-7

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Chapter 1	Introduction to Human Anatomy and Physiology	Practice Exam SmartBook and Virtual Dissection
8/31	Chapter 2	Chemical Basis of Life	Terminology Quiz (1-2) SmartBook and Virtual Dissection
9/7	Chapter 3 Chapter 4	Cells Cellular Metabolism	Terminology Quiz (3-4) SmartBook and Virtual Dissection
9/14	Chapter 5	Tissues	Terminology Quiz (5) SmartBook and Virtual Dissection
9/21	Exam 1 REVIEW	Clinical Application	EXAM 1 Chapters 1-5
9/28	Chapter 6	Integumentary System	Terminology Quiz (6) SmartBook and Virtual Dissection
10/5	Chapter 7 Chapter 8	Skeletal System Joints of the Skeletal System	Terminology Quiz (7-8) SmartBook and Virtual Dissection
10/12	Chapter 9	Muscular System	Terminology Quiz (9) SmartBook and Virtual Dissection
10/19	Exam 2 REVIEW	Clinical Application	EXAM 2 (Chapters 6-9)
10/26	WEEK 10 ASSIGNMENT		

11/2	Chapter 10	Nervous System Part 1	Terminology Quiz (10) SmartBook and Virtual Dissection
11/9	Chapter 11	Nervous System Part 2	Terminology Quiz (11) SmartBook and Virtual Dissection
11/16	Chapter 12	Nervous System Part 3	Terminology Quiz (12) SmartBook and Virtual Dissection
11/23	Chapter 13	Endocrine System	Terminology Quiz (13) SmartBook and Virtual Dissection
11/30	Exam 3 REVIEW	Clinical Application	EXAM 3 (Chapters 10-13)

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.