

# BIOL 1551 - Anatomy and Physiology 1

Fall 2026 Syllabus, Section 02, CRN 42528,

Credit hours: 3

## Instructor

Dr. Angel Ricciulli-Cioli

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<br>Chapter 4 | Cells<br>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<br>Chapter 8 | Skeletal System<br>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     |                                                  |                                                         |

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|-------|---------------|-----------------------|--------------------------------------------------------|
| 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)                                |

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