

BIOL 1552 - Anatomy and Physiology 2

Fall 2026 Syllabus, Section 01, CRN 40476,

Credit hours: 4

Instructor

Hamid Nawaz

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Public Instructor Information

Instructor Title: M.B.A. Business, M.D. Medicine

Instructor Professional Qualifications: Medicine, Medical University of Silesia

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Course Description

1552. Anatomy and Physiology 2. Structure, function, and clinical applications of the endocrine, cardiovascular, respiratory, renal, digestive, and reproductive systems. Targeted for students in nursing and associated health professions. Three hours lecture, two hours lab. Not applicable to the Biology major. Prereq.: BIOL 1551. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Hole's Human Anatomy and Physiology	Charles J. Welsh and Cynthia Prentice-Craver	ISBN10: 1264672969

1. Hole's Human Anatomy and Physiology. Authors: Charles J. Welsh and Cynthia Prentice-Craver. McGraw-Hill Co. Publisher. **ISBN10:** 1264672969 | **ISBN13:** 9781264672967

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 14: Blood		
8/31	Chapter 15: Cardiovascular System		Case Study Discussion 1
9/7	Chapter 16: Lymphatic System and Immunity		
9/14	Chapter 17: Digestive System		Case Study Discussion 2
9/21	Exam 1: Chapters 14-17		
9/28	Chapter 18: Nutrition and Metabolism		Case Study Discussion 3
10/5	Chapter 19: Respiratory System		
10/12	Chapter 20: Urinary System		Case Study Discussion 4
10/19	Chapter 21: Water, Electrolyte and Acid-Base Balance		
10/26	Exam 2: Chapters 18-21		Case Study Discussion 5
11/2	Chapter 22: Reproductive System		
11/9	Chapter 23: Pregnancy, Growth and Development		Case Study Discussion 6
11/16	Chapter 24: Genetics and Genomics		



11/23	Chapter 24: Genetics and Genomics continued	Case Study Discussion 7
11/30	Review Day	
12/7	Lecture Exam 3: Chapters 22-24	

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.