

NURS 2699 - Pathophysiology

Fall 2026 Syllabus, Section 02, CRN 43655,

Credit hours: 4

Instructor

Teresa Peck

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Public Instructor Information

Instructor Title: Dr. Teresa Peck

Instructor Professional Qualifications: Doctor of Nursing Practice, Case Western Reserve University, December 2022

Master's of Education, University of Phoenix, April 2014

Bachelor of Science in Nursing, Youngstown State University, May 1996

Instructor Office Location: Cushwa Hall Room 3114

Instructor Office Phone: 330-941-2637

Course Description

2699. Pathophysiology. This course focuses on the altered processes of human physiology. An emphasis is placed on exploring changes of biological processes of the body and the effects on homeostasis with application to nursing. Alterations of health problems are studied along with the associated clinical manifestations. Prereq.: C or better in BIOL 1552/1552L and CHEM 1510/1510L or equivalent; Admission to the Entry-level BSN program. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Story, L. (2022). <i>Pathophysiology: A practical approach</i> , (5th edition) Sudbury, MA: Jones and Bartlett.	Story, L. (2022).	

HONORS CONTRACT OPTION AVAILABLE-"Honors students may contract this course for honors credit. Notify your instructor of your interest to discuss options, complete required paperwork, and submit to instructor by the semester deadline."

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

Required Textbook: Story, L. (2022). *Pathophysiology: A practical approach*, (5th edition) Sudbury, MA: Jones and Bartlett.

Required: Various supplemental materials on Black Board

Additional Course Materials

Supplemental on Black Board

ATI Testing and ATI Online Resources

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Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Tue	8/25	Review Syllabus Chapter 1	Course Introduction Cellular Function Handout "Terms" Worksheet	Review Syllabus Read Chapter 1
Thu	8/27	Chapter 1	Cellular Function	Chapter 1- Review Book & Notes Work on "Terms" Worksheet
Tue	9/1	Chapter 2	Immunity	Chapter 2-Read Book and Study Notes Complete "Terms" Worksheet
Thu	9/3	Chapter 2	Immunity	Chapter 2-Read Book and Study Notes
Tue	9/8	Chapter 3	Hematopoietic Function	Read Chapter 3 Study for Exam 1-Chapters 1, 2, 3
Thu	9/10	Chapter 3	Hematopoietic Function	Study Chapters 1, 2, 3 for Exam 1
Tue	9/15	Chapter 4	Exam 1-Chapters 1, 2, 3 first hour of class Cardiovascular Function Lecture second hour of class	Read Chapter 4
Thu	9/17	Chapter 4	Cardiovascular Function	Chapter 4-Read Book and Study Notes
Tue	9/22	Chapter 4	Cardiovascular Function	Chapter 4-Review Book and Study Notes
Thu	9/24	Chapter 4	Cardiovascular Function	Chapter 4-Review Book and Study Notes Start Reading Chapter 5
Tue	9/29	Chapter 5	Respiratory Function	Read Chapter 5
Thu	10/1	Chapter 5	Respiratory Function	Chapter 5-Review Book and Study Notes Continue to review and study Chapter 4 content for exam
Tue	10/6	Chapter 5	Respiratory Function	Review Chapters 4. 5 Content
Thu	10/8	Chapter 5	Respiratory Function	Study Chapters 4, 5 content for exam
Tue	10/13	Chapter 6	Exam 2-Chapters 4 and 5 first hour of class Fluid & Electrolytes/Acid Base Balance Lecture 2nd Hour of class	Read Chapter 6
Thu	10/15	Chapter 6	Fluid & Electrolytes/Acid Base Balance	Chapter 6-Review Book and Study Notes
Tue	10/20	Chapter 6	Fluid & Electrolytes/Acid Base Balance	Chapter 6- Review Book and Study Notes Chapter 7-Start Reading
Thu	10/22	Chapter 7	Urinary Function	Read Chapter 7
Tue	10/27	Chapter 7	Urinary Function	Chapter 7-Review Book and Study Notes Review Chapter 6 Content for Exam
Thu	10/29	Chapter 9	Gastrointestinal Function	Chapter 9-Read
Tue	11/3	Chapter 9	Gastrointestinal Function	Chapter 9-Review book and Study Notes Review Chapters 6, 7 content for exam
Thu	11/5	Chapter 9	Gastrointestinal Function	Chapters 6,7, 9 Review Book & Study Notes for Exam
Tue	11/10	Chapter 10	Exam 3 Chapters 6, 7, 9 first hour of class Endocrine Function Lecture second hour of class	Chapter 10-Read
Thu	11/12	Chapter 10	Endocrine Function	Chapter 10-Review Book and Study Notes
Tue	11/17	Chapter 11	Neurological Function	Chapter 11-Read Review Chapter 10 content for exam
Thu	11/19	Chapter 11	Neurological Function	Chapter 11- Review Book and Study Notes
Tue	11/24	Chapter 11	Neurological Function	Chapter 11-review Book and Study Notes
Thu	11/26		Happy Thanksgiving-no class today	Review Chapter 10, 11 content for exam
Tue	12/1	Chapter 12	Musculoskeletal Function	Chapter 12-Read
Thu	12/3	Chapter 12	Musculoskeletal Function	Chapter 12-Review Book and Study Notes

Tue	12/8	Exam 4-Chapters 10, 11, 12 at 8 am	Chapters 10,11,12- Review Book & Study Notes for Exam 4
Thu	12/10	No Class	

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