NURS 2699 - Pathophysiology

Fall 2026 Syllabus, Section 01, CRN 43654,

Credit hours: 4

Instructor

Kelly Newman

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Public Instructor Information

Instructor Title: Kelly Newman, MSN, APRN, FNP-BC

Lecturer

Instructor Professional Qualifications:

- MSN, Nursing Education,Youngstown State University, 2022.
- Post graduate certificate, Family Nurse Practitioner, Youngstown State University, 2025
- BSN, Nursing, Youngstown State University, 1990

Instructor Office Location: Cushwa Hall, room 2483
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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	Pathophysiology: A Practical Approach, Fifth Edition	Lachel Story, PhD, RN	9781284288094

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

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 Review "Terms" Worksheet in Class	Complete "Terms" Worksheet Read Chapter 2
Thu	9/3	Chapter 2	Immunity	Chapter 2- Read Book & Study Notes
Tue	9/8	Chapter 3	Hematopoietic Function	Read Chapter 3 Chapters 1,2,3- Study for Exam 9/15
Thu	9/10	Chapter 3	Hematopoietic Function	Chapter 1,2, 3- Study Notes for Exam 9/15

Tue	9/15	Chapter 4	Exam #1 Chapters 1,2,3- 1st Hour of Class Cardiovascular Function Lecture- 2nd Hour of Class	Review Chapters 1,2,3 for Exam #1 today! Chapter 4- Read
Thu	9/17	Chapter 4	Cardiovascular Function	Chapter 4- Read Book & Studyb Notes
Tue	9/22	Chapter 4	Cardiovascular Function	Chapter 4- Read Book & Study Notes
Thu	9/24	Chapter 4	Cardiovascular Function	Chapter 4- Review Book & Notes Chapter 5- Start Reading
Tue	9/29	Chapter 5	Respiratory Function	Chapter 5- Read Chapter 4- Review Book & Notes
Thu	10/1	Chapter 5	Respiratory Function	Chapter 5- Review Book & Study Notes
Tue	10/6	Chapter 5	Respiratory System	Chapter 4, 5- Study Book & Notes for Exam 10/13
Thu	10/8	Chapter 5	Respiratory System	Chapter 4,5- Study Book Notes for Exam 10/13
Tue	10/13	Chapter 6	Exam #2- Chapters 4 & 5- 1st Hour of Class Fluid & Electrolytes/Acid Base Balance Lecture- 2nd Hour of Class	Study Chapters 4 & 5 for Exam #2 today! Read Chapter 6
Thu	10/15	Chapter 6	Fluid & Electrolytes/Acid Base Balance	Chapter 6- Read Book & Review Notes
Tue	10/20	Chapter 6	Fluid & Electrolytes/Acid Base Balance	Chapter 6- Review Book & Notes Chapter 7- Start Reading
Thu	10/22	Chapter 7	Urinary Function	Read Chapter 7 Chapter 6- Review Book & Notes
Tue	10/27	Chapter 7	Urinary Function	Chapter 7- Review Book & Notes Chapter 9- Start Reading
Thu	10/29	Chapter 9	Gastrointestinal Function	Chapter 9- Read
Tue	11/3	Chapter 9	Gastrointestinal Function	Chapter 9- Review Book & Notes
Thu	11/5	Chapter 9	Gastrointestinal Function	Chapters 6,7, 9 Review Book & Study Notes for Exam 11/10
Tue	11/10	Chapter 10	Exam #3 chapters 6,7,9- First hour of class Endocrine Function Lecture- 2nd hour of class	Exam chapters 6,7,9 first hour of class Read Chapter 10
Thu	11/12	Chapter 10	Endocrine Function	Chapter 10- Review Book & Notes Chapter 11- Start Reading
Tue	11/17	Chapter 11	Neurological Function	Chapter 11- Read & Review Notes Chapter 10- Review Book & Notes
Thu	11/19	Chapter 11	Neurological Function	Chapter 11- Review Book & Notes
Tue	11/24	Chapter 11	Neurological Function	Chapter 11- Review Book & Notes
Thu	11/26		Happy Thanksgiving! No Class	Review Chapters 10. 11 for Final Exam Chapter 12- Start Reading
Tue	12/1	Chapter 12	Musculoskeletal Function	Chapter 12- Read
Thu	12/3	Chapter 12	Musculoskeletal Function	Chapter 12- Review Book & Notes
Tue	12/8	Finals Week	No class today	Chapters 10,11,12- Review Book & Study Notes for Final Exam 12/10
Thu	12/10	Final Today on Chapters 10, 11, 12	Final Exam #4 on Chapters 10,11,12 on Thursday Dec. 10th @8am!!!	Chapters 10,11,12- Review Book & Study Notes for Final!!!

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