



Course Information

Course Title	Pathophysiology for the PTA
Course Prefix, Num. and Title	PTHA 1321: Pathophysiology for the PTA
Division	Allied Health
Department	Physical Therapy Assistant
Course Type	WECM Course
Course Catalog Description	Study of the pathophysiology of diseases/conditions commonly encountered in physical therapy.
Pre-Requisites	
Co-Requisites	BIOL 2401; 2402; PTHA 2205; and 1360

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours: Lab/Other Hours	3:3:0
Equated Pay Hours	3
Lab/Other Hours Breakdown: Lab Hours	0
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	0
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Department Head:	Kelly Wallace	09/02/23
Division Chair:	CJDerkowski	10/23/2023
Dean/VPI:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

Lecture Outline

- I. Introduction to Pathophysiology
- II. Immunity and the Lymphatic System
- III. Infectious Disease IV. Cancers
- V. Heredity and Disease
- VI. Diseases of the Cardiovascular System VII. Diseases of the Blood
- VIII Diseases of the Respiratory System
- IX. Disease of the Gastrointestinal System
- X. Diseases of the Urinary System
- XI. Diseases and Disorders of the Reproductive System
- XII. Diseases of the Endocrine System
- XIII Diseases of the Nervous System and Special Senses
- XIV Mental Illness
- XV. Diseases of the Musculoskeletal System
- XVI Diseases of the Integumentary System

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

1. Describe the etiology, pathogenesis, signs/symptoms, and treatments of selected diseases/conditions.
2. Identify the impact of the pathologies in physical therapy.

Methods of Assessment:

Oral Quizzes and Written Exams

Required text(s), optional text(s) and/or materials to be supplied by the student:

Zelman et al., Human Diseases: A Systemic Approach, current edition., Pearson

Suggested Course Maximum:

16

List any specific or physical requirements beyond a typical classroom required to teach the course.

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Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

80% Lecture Average (4 exams)

20% Final Exam (at least 50% comprehensive)

Grade Assignments: 90-100% = A 80-89% = B 75-79% = C 70-74% = D Below 70 = F

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
 - Critical Thinking
 - Communication
 - Empirical & Quantitative Skills
 - Teamwork
 - Social Responsibility
 - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist