



**Course Information**

<b>Course Title</b>	Rehabilitation Techniques
<b>Course Prefix, Num. and Title</b>	PTHA 2435
<b>Division</b>	Allied Health
<b>Department</b>	Physical Therapist Assistant
<b>Course Type</b>	WECM Course
<b>Course Catalog Description</b>	Comprehensive rehabilitation techniques of selected diseases and disorders.
<b>Pre-Requisites</b>	PTHA 1360, 2205, offered fall semester, 2nd year PTA students
<b>Co-Requisites</b>	Enter Co-Requisites Here.

**Semester Credit Hours**

<b>Total Semester Credit Hours (SCH): Lecture Hours:</b>	4:3:4
<b>Lab/Other Hours</b>	
<b>Equated Pay Hours</b>	5
<b>Lab/Other Hours Breakdown: Lab Hours</b>	4
<b>Lab/Other Hours Breakdown: Clinical Hours</b>	0
<b>Lab/Other Hours Breakdown: Practicum Hours</b>	0
<b>Other Hours Breakdown</b>	0

**Approval Signatures**

<b>Title</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared by:</b>		
<b>Department Head:</b>		
<b>Division Chair:</b>		
<b>Dean/VPI:</b>		
<b>Approved by CIR:</b>		

## 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).

### I. Course Introduction

- A. Clinical decision making
- B. Five elements of patient/client management
- C. Psychosocial elements to rehabilitation
- D. Disablement model and Conceptual model of disability
- E. Influence of values on patient care

### II. Bone, joint, and soft tissue rehabilitation

- A. Fracture management and orthopedic traction

### III. Disorders of the spine

- A. Review of spinal anatomy
- B. Review muscles of the face, neck, trunk and back
- C. Assessment and treatment of spinal disorders
- D. McKenzie and Williams Flexion Exercises
- E. Computerized back school program
- F. Myofascial release
- G. Industrial rehab/Work hardening

### IV. Disorders of the vascular system and integument

- A. Peripheral vascular disease
- B. Lower extremity amputations
- C. Orthotic/prosthetic assessment and management
- D. Burn management
- B. Osteoarthritis and Rheumatoid arthritis
- C. Total joint replacement

### V. Other selected disabilities and rehabilitation techniques

- A. Heart disease and cardiac rehabilitation
- B. Treating patients with AIDS
- C. Pharmacology for the PTA
- D. Psychosocial intervention and discharge planning
- E. Lifelong learning in rehabilitation
- F. Vestibular Management

## Course Learning Outcomes:

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

Describe the principles of physical therapy management for patients with selected musculoskeletal, neuromuscular, cardiopulmonary, and integumentary disorders; demonstrate intervention techniques for selected disorders; and communicate the outcomes of the interventions.

### Methods of Assessment:

1. Written unit exams (5)
2. Comprehensive Final
3. Geriatric Project
4. Transfer Project

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

O'Sullivan & Schmitz (2019). Physical Rehabilitation: Assessment and Treatment (6th Ed.). Philadelphia: F.A. Davis Company

Biel, Trail Guide to the Body, (4th Ed,) Books Discovery  
Kisner & Colby ( ), Therapeutic Exercise: Foundations & Techniques (7th Ed), F.A. Davis. Philadelphia, PA.

**Suggested Course Maximum:**

16

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

Classroom lectures, lab skills, power point presentations along with guest speakers who are experts in specific subject areas are utilized. DVD presentations as appropriate are also used.

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

5 Written exams . . . . .	65%
Comprehensive Final . . . . .	20%
Geriatric Project .....	10%
Transfer Project.....	05%
Total . . . . .	100%

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

Students must achieve a 75% or higher on the course final in order to pass the course.

**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