



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Multisystems
Course Number: PTA248

Required Materials

Textbook(s): O’Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2024). *Physical rehabilitation: Assessment and treatment* (8th ed.). F.A. Davis.
 Fairchild, S. L., Wedge, F. M., & Maas, M. (2023). *Principles and techniques of patient care* (6th ed.). Elsevier.

Required Readings: See below

Additional Materials: PhysioU (can be purchased in the bookstore)
 PowerPoint presentations, videos, and materials all provided on Brightspace.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	TOPIC: Acute Care Principles and Techniques of patient Care (PTPC) Chapter 10
Week 2	TOPIC: Cardiovascular - medical Cardiovascular - surgical <i>Medical record review discussion</i> <i>PTPC Ch 3-vitals; Physical Rehabilitation Ch 2 Vital signs; Ch 13 Heart Disease</i>
Week 3	TOPIC: Cardiac

Week	Chapter/Topic/Lab
	Pulmonary <i>Physical Rehabilitation Ch 12 Pulmonary Dysfunction</i>
Week 4	TOPIC: -Connective Tissue/Fascia -Trigger points - Lymphatic Dysfunction <i>PTPC p.309-316</i> <i>Physical Rehabilitation Ch 14: lymph p.470-471, p. 481-482,</i> <i>p. 486 volumetric measurement through p. 488 staging/grading</i> <i>p.512 compression therapy through p.516 compression guidelines</i>
Week 5	TOPIC: PVD, DVT, Arterial insufficiencies Amputation <i>Physical Rehabilitation Ch 14 AI/VI p. 478- 480; p.488-490 & Ch 22 Amputation</i>
Week 6	TOPIC: Amputation cont. <i>Physical Rehabilitation Ch 31 Prosthetics</i>
Week 7	TOPIC: Endocrine and metabolic pathologies and treatment <i>Physical Rehabilitation Ch 14 Neuropathy p.484-485</i>
Week 8	TOPIC: Integumentary Considerations Burns Infection control/ isolation/ PPE <i>PTPC Ch 11</i> <i>Physical Rehabilitation Ch 14 Wounds</i> <i>Ch 24 Burns</i>
Week 9	TOPIC: Hematology Pathologies Oncology
Week 10	TOPIC: Renal and Urologic Dysfunction Pregnancy related dysfunction PTAs work in: home health, SNF, etc.