

SYLLABUS  
PART I  
EDISON STATE COMMUNITY COLLEGE  
PTA 220S SURVEY OF PHYSICAL THERAPY FIELD  
3 CREDIT HOURS

**COURSE DESCRIPTION**

In-depth study of the use and purpose of therapeutic techniques within a plan of care as it pertains to all body systems. Laboratory component. Prerequisite: PTA 210S and PTA 215S. Co-requisite: PTA 225S and PTA 230S. Lab fee.

**COURSE GOALS**

The student will:

Bloom's Level		Program Outcomes
3	1. Demonstrate competence in implementing selected components in the plan of care to achieve short-and long-term goals and intended outcomes as applied to body system diagnoses.	1,2,7,14
3	2. Use safe, legal and ethical performance of physical therapy interventions specific to desired diagnoses.	1,2,3,14
3	3. Report the status and progression of patients/clients.	5
3	4. Identify and demonstrate incremental stages for exercise progression within the established plan of care.	1,7,14
3	5. Apply knowledge from the literature to guide understanding of the plan of care.	6
1, 3	6. Identify and modify an intervention for major muscle substitutions while observing a given functional activity.	1,7,12
3	7. Articulate the level of functional status and recognize changes in function and performance.	1,7,14
3	8. Demonstrate and apply the basic principles of compression and pressure gradients as appropriate for a given case scenario.	1,7,10,14
2	9. Explain the application and physics principles of aquatic therapy on all body systems and apply this knowledge to a specific patient scenario.	1,7,8,14
2	10. Explain the normal changes that occur in the human reproductive system with aging and describe the effect of these changes on bladder function, bone density, and expectation for appropriate exercise and activity.	1,12
3	11. Use the concepts involved with an assistive, orthotic, or prosthetic device during function to demonstrate the safe fit, care, and training of use of these devices.	1,7,12
2	12. Participate as directed by the supervising physical therapist in educating caregivers or other healthcare team members in the use of assistive, orthotic, or prosthetic devices, transfers and/or body mechanics.	5,12,14
3	13. Develop a home exercise program for a patient/client with a musculoskeletal and/or integumentary diagnosis, within a given plan of care.	5,14
3	14. Teach a patient/client a home exercise program.	5,14
3	15. Teach the patient/client in a home exercise program utilizing items commonly found in the home for a given case scenario.	1,5,12
2	16. Participate in the discharge planning and follow-up of patients as directed by the Physical Therapist.	2,3,14

3	17. Prepare and present an effective and efficient mini-instructional unit for classmates, using PowerPoint slides, handouts, and an evaluation tool for feedback.	3,6
5	18. Display behaviors consistent with the expected norms for a physical therapist assistant.	2,3
3	19. Articulate an understanding of the role of the physical therapist assistant in health and wellness for the general population.	3,4,5
3	20. Construct a Career Development Plan.	6
3	21. Identify the surface area of a burn and recommend proper positioning with a given case scenario.	1,2,3,4,5,7,14
1	22. Describe nutrition and considerations needed for the healing of burns.	1,3,5
3	23. Integrate yoga, Pilates, and/or tai chi into a treatment plan for a patient case scenario.	1,2,3,4,5,7,8,14
3	24. Describe the basic principles of work hardening and demonstrate proper workplace set-up given a case scenario.	1,2,3,4,7
3	25. Describe basic principles of kinesiotaping and complete basic kinesiotaping based on a case scenario.	1,2,3,14
2	26. Identify patients appropriate for hippotherapy and describe the benefits of hippotherapy.	1,2,3,4,5,7,8,14
3	27. Articulate a position and engage in a discussion applying the Standards of Ethical Conduct for the Physical Therapist Assistant to a clinical scenario	2,3,4,5,6
4	28. Compare the Standards of Ethical Conduct for the Physical Therapist Assistant to the Code of Ethics for the Physical Therapist	2,3,4,5,6

#### CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State. They are communication, ethics, critical thinking, human diversity, inquiry and respect for learning, and interpersonal skills and teamwork. The goals, objectives, and activities in this course will introduce or reinforce those Core Values whenever possible.

#### TOPIC OUTLINE

1. Dementia/Alzheimer's Disease and Mental Health
2. Amputee management/prosthetic training
3. Aquatic therapy
4. Bariatric treatment considerations
5. Burns
6. Ethical practice of the PTA
7. Health and wellness
8. Lymphedema
9. Kinesiotaping
10. Pediatric orthopedic diagnoses
11. Plan of care
12. Sports medicine
13. Women's health and Pelvic floor dysfunction
14. Work hardening
15. Yoga/Pilates/Tai Chi
16. Hippotherapy