

PTY 616 : Patient/Client Management: Adult Neuromuscular System with lab

This course is designed to provide a comprehensive and systematic learning environment for students to develop basic skills, competencies, and understanding of the evaluation and treatment of adults with neurological impairments. The principles and purpose of evaluation as a basis for treatment planning is re-emphasized, along with the planning of comprehensive intervention programs for patients as well as their families. Philosophical approaches such as NDT and motor relearning program will be presented, but the major treatment focus will be the integration of these approaches with an emphasis on motor learning and relearning. Specific neurological dysfunctions to be discussed include CVA, TBI, MS, Parkinson Disease, cerebella dysfunction, brain tumors, spinal cord injury, and adults with developmental disabilities. Diagnostic procedures will be presented along with other topics such as pharmacology, respiration, wheelchair positioning and orthotics. This course is open only to students enrolled in the entry level DPT program. Students must be enrolled in PTY-616 Lab while taking this course.

Credits 4

Prerequisites

PTY-611