

Spokane Falls Community College
COURSE LEARNING OUTCOMES

Prefix and Course Number: PTA 112

Course Title: PTA Procedures III: Functional Restoration Seminar

Version Date: 04/29/2019

Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Explain and/or describe the following as it pertains to interventions of locomotion, gait, balance, wheelchair management and mobility: (7D23d) (7D23f)
 - a. The functional ability and selection of rehabilitation techniques for different diagnoses such as hemiplegic, paraplegic, and tetraplegic involvement as it affects
 - b. The effectiveness of different bed and mat mobility/techniques as they apply to specific disabilities.
 - c. The safety, status and progression of patients engaged in locomotion and wheelchair mobility.
 - d. Types of patient transfers and indications, rationale and effectiveness of the safe transfers in relationship to specific patient conditions.
 - e. Factors contributing to balance dysfunctions, equilibrium reactions and treatment strategies for different diagnoses
2. Discuss and/or identify data collection methods when using assistive technology and devices as it pertains to the following areas: (7D24d) (7D24e)
 - a. Wheelchair maintenance and patient/family training
 - b. Possible changes in the condition of the skin with the use of the device
 - c. Safety factors while using these devices,
 - d. Appropriate wheelchair for a specific diagnosis
 - e. Types of patient specialty transfer lifts
3. Examine the significance of environmental accessibility, describe common architectural barriers, and discuss ways to increase environmental access for individuals with physical limitations. (7D24m)
4. Identify and/or describe data collection methods as they pertain to the following:
 - a. Posture: Normal and abnormal alignment of trunk and extremities at rest (7D24k)
 - b. Pain: Postural malalignments including joint deformities that contribute to postural deviations that aggravate symptoms, as well as, correct alignment for relief of pain. (7D24j)
 - c. Balance: Assessment techniques.(7D24e)
 - d. Gait patterns for patients with different diagnoses who utilize an assistive device. (7D24e)
 - e. Gait: (7D24e)
 - Components and biomechanics of normal and abnormal gait.
 - Common pathological gait patterns and contributing factors.
5. Compare and contrast the following devices and equipment applications for the appropriate treatment interventions while considering the patient's diagnosis and functional ability: (7D23b)
 - a. Specialty devices and equipment such as the tilt table, standing frames, unweighting ambulation devices and various transfer devices and transfer aids are needed for different patient cases.
 - b. Adaptive devices and home physical therapy equipment.
 - c. Lower extremity prosthetic devices and their use, care and safety issues as they relate to the patient functional abilities.
 - d. Orthotic devices and changes in skin condition and safety factors while using the device.
6. Participate in two community organized events that provide opportunities for volunteerism, advocacy and leadership.(7D13)