

Competency Statement	Sample Learning Objectives	Associated Learning Activities	Associated Assessment Strategies
Domain V: Assistive Technology and Equipment			
<p>1. Determine the need for ATE to address safety, movement dysfunction and neuropathology, while considering the patient’s complexity and prognosis;</p>	<p>Describe LE orthotics which are capable of improving observed movement impairments.</p> <p>Measure the effectiveness of an assistive device using relevant outcome measure data.</p>	<p>Small-group discussions in which students read a patient case and watch a video of gait or other functional activities, then discuss LE orthotic options to improve the observed impairment. Analyze the patient’s gait & other functional activities performed with the prescribed orthosis to determine if it met its intended goals</p> <p>Use case studies to describe patient presentation. Students identify at least one outcome measure which would contribute to decision making for assistive devices.</p>	<p>Case-based examination questions.</p> <p>Discussion board assignment in which one representative from each small group discusses their case and recommendations with a member of each of the other small groups.</p> <p>Case study assignment which includes selection and discussion of how OM’s can inform decision-making processes for assistive devices.</p>

ANPT Curricular Competencies Sample Objectives and Learning Activities – use or modify samples freely with citation for ANPT 2023

© 2023 by the Academy of Neurologic Physical Therapy reprinted with permission from the Journal of Neurologic Physical Therapy. Bradford ECH, Fell N, Zablony CM, Rose DK. Essential Competencies in Entry-Level Neurologic Physical Therapist Education. *J Neurol Phys Ther.* 2023 May 11. doi: 10.1097/NPT.0000000000000441.

	Analyze seating and positioning options in conjunction with patient impairments and goals.	Lab activity where students compare and contrast seating and positioning systems	Written exam questions
<p>2. Evaluate, select, and justify through shared decision-making the ATE prescription that optimizes safety, positioning, alignment and movement for activity and participation in life roles and responsibilities while accounting for:</p> <ul style="list-style-type: none"> • Available resources (financial, caregiver support) • Patient preferences, values, and goals • Environmental context and barriers, and • ATE vendor consultation. 	<p>Evaluate for seating and positioning needs considering the patient preferences, psychosocial impact, financial resources, technology, environment and interprofessional goals.</p> <p>Describe the general purpose and impact of the ADA on home and community-based access for individuals with mobility restrictions</p> <p>Describe the steps necessary for obtaining funding for ATE</p>	<p>Lab activity in which students work in small groups to complete a wheelchair evaluation for a simulated or live patient case; include worksheet to list patient preferences and potential psychosocial impact, financial considerations, etc.</p> <p>Home Eval Project (Include ATE & funding)</p> <p>Interprofessional presentation by ATP professional or vendor discussing the funding process. Given a simulated patient case,</p>	<p>Students submit a written wheelchair evaluation.</p> <p>Case based exam questions</p> <p>Home evaluation project graded using a rubric</p> <p>Students submit a letter of medical necessity graded on a rubric.</p>

ANPT Curricular Competencies Sample Objectives and Learning Activities – use or modify samples freely with citation for ANPT 2023

© 2023 by the Academy of Neurologic Physical Therapy reprinted with permission from the Journal of Neurologic Physical Therapy. Bradford ECH, Fell N, Zablony CM, Rose DK. Essential Competencies in Entry-Level Neurologic Physical Therapist Education. *J Neurol Phys Ther.* 2023 May 11. doi: 10.1097/NPT.000000000000441.

		create a letter of medical necessity.	
3. Educate and train the patient and care partner on ATE use, maintenance, and safety considerations.	Demonstrate ability to educate on proper use and maintenance of ATE, considering the learning needs of the patient and caregiver.	Student will practice educating a mock patient and/or their caregiver on the safe use and care of various equipment (for example, donning and doffing of orthotics, safe power mobility use, etc)	Lab practical or skills check
	Demonstrate ability to teach health and safety benefits of mechanical lifts to the patient and caregiver.	Educate a caregiver on the benefits of mechanical lifts to their health and safety	Lab practical or skills check

ANPT Curricular Competencies Sample Objectives and Learning Activities – use or modify samples freely with citation for ANPT 2023

© 2023 by the Academy of Neurologic Physical Therapy reprinted with permission from the Journal of Neurologic Physical Therapy. Bradford ECH, Fell N, Zablony CM, Rose DK. Essential Competencies in Entry-Level Neurologic Physical Therapist Education. *J Neurol Phys Ther.* 2023 May 11. doi: 10.1097/NPT.0000000000000441.