



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** PTA Procedures III  
**Course Number:** PTA223

### Required Materials

**Textbook(s):** O’Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2014). *Physical Rehabilitation: Assessment and Treatment* (6th ed.). F. A. Davis Co.  
 Lazaro, R. T., & Umphred, D. A. (2020). *Umphred’s neurorehabilitation for the physical therapist assistant* (3rd ed.) Routledge.  
 Houglum, P. A., & Bertoti, D. B. (Eds.). (2012). *Brunnstrom’s Clinical Kinesiology* (6th ed.). Philadelphia, PA: F. A. Davis Company.

**Required Readings:** See below

**Additional Materials:** PhysioU (purchased in the Stark State Bookstore), ICE videos (provided by the Program)

### 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
1	Spinal Cord Injury  Read: Umphred & Lazaro: Chapter 11: - Clients with Spinal Cord Injury O’Sullivan Chapter 20- Traumatic Spinal Cord Injury
2	Multiple Sclerosis  Read: Umphred and Lazaro pp. 363-366; 369-371 - Clients with Multiple Sclerosis and Guillain-Barré Syndrome Houlgum and Bertoti pp. 86-88 – Nervous System Overview O’Sullivan Chapter 1 - Clinical Decision Making  Finish Multiple Sclerosis Typical Motor Development

Week	Chapter/Topic/Lab
	Read: Umphred &Lazaro pp. 43-5- Normal Movement Development Across the Lifespan
3	Guillain-Barre Syndrome  Read: Umphred and Lazaro Pp. 363-371, 353-357 - Clients with Multiple Sclerosis and Guillain-Barré Syndrome O’Sullivan Chapter 17 - Multiple Sclerosis  Amyotrophic Lateral Sclerosis – No Reading  Cerebral Palsy  Read: Umphred & Lazaro Chapter 9 - Children with Central Nervous System Insult
4	Peripheral Vestibular Disorders  Read: O’Sullivan Chapter 21 - Vestibular Disorders  Myelodysplasia – No Reading
5	Review and Testing