



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Data Collection Lab
Course Number: PTA138L

Required Materials

Textbook(s): Reese, N. B., & Bandy, W. D. (2024). Joint range of motion and muscle length testing (4th ed.). Elsevier.
 Reese, N. B. (2011). Muscle and Sensory Testing (3rd ed.). Saunders.
 Clynch, H. M. (2017). The role of the physical therapist assistant (3rd ed.). SLACK Inc.

Required Readings: See Below

Additional Materials: PhysioU (can be purchased in the bookstore); Lab kit: Goniometers, tape measure (can be purchased in Stark State Bookstore)

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	<ul style="list-style-type: none"> • Chart Review • BMI & Girth • Pain/Pain Questionnaire • Review planes/axes • UE/LE Palpation bony landmarks - prep for goniometry <p><i>Clynch, H.M., "The Role of the Physical Therapist Assistant"</i> Chapter 2: Pages 17-33 (Physical Therapist Practice Settings)</p> <ul style="list-style-type: none"> a. ICF Model b. Physical Therapy Practice Settings <p>Chapter 3</p> <ul style="list-style-type: none"> a. P. 42 Figure 3-1 "The Process of Physical Therapist Patient and Client Management" b. P. 47 Communication Styles and Strategies: Planning for Interaction c. P. 49 Figure 3-2 Communication flow chart <p>Chapter 6: Pages 97-115 (The Patient–Physical Therapist Assistant Relationship)</p>

Week	Chapter/Topic/Lab
	Chapter 7: Pages 121-137 (Consideration of Culture During Physical Therapy Interventions)
2	<ul style="list-style-type: none"> • Measuring tools • Estimations – lengths and angles • Goniometry <p><i>Reese and Bandy, "Joint Range of Motion and Muscle Length Testing"</i> Chapter 1: Pages: 3-29 Sections: II/II/IV: See Goniometry Lab Packet for Joints/motions that you will be responsible for UE/LE and spine</p>
3	<ul style="list-style-type: none"> •Goniometry <p><i>Reese and Bandy, "Joint Range of Motion and Muscle Length Testing"</i> Chapter 1: Pages: 3-29 (Measurement of Range of Motion and Muscle Length: Background, History, and Basic Principles) Sections: II/II/IV: See Goniometry Lab Packet for Joints/motions that you will be responsible for UE/LE and spine</p>
4	<ul style="list-style-type: none"> • Posture • Respiratory • Cognition • Pharmacology • Standardized Tests <p><i>Reese, "Muscle and Sensory Testing"</i> Chapter 8 (Techniques of the Sensory Examination)</p>
5	<ul style="list-style-type: none"> • Muscle Mass/Tone • MMT <p><i>Reese, "Muscle and Sensory Testing"</i> Chapter 1 (Introduction to Muscle Strength Testing) Chapter 2: See MMT Lab Packet for Joints/motions that you will be responsible for UE/LE and spine (Techniques of Manual Muscle Testing: Upper Extremity)</p>
6	<ul style="list-style-type: none"> • MMT <p><i>Reese, "Muscle and Sensory Testing"</i> Chapter 3: See MMT Lab Packet for Joints/motions that you will be responsible for UE/LE and spine (Techniques of Manual Muscle Testing: Head, Neck, and Trunk)</p>
7	<ul style="list-style-type: none"> •MMT <p><i>Reese, "Muscle and Sensory Testing"</i> Chapter 4: See MMT Lab Packet for Joints/motions that you will be responsible for UE/LE and spine (Techniques of Manual Muscle Testing: Lower Extremity)</p>
8	Appointments with students, as needed.