



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Intro to Orthopedics Lab
Course Number: PTA120L

Required Materials

Textbook(s): *No books for lab*
Required Readings: See below
Additional Materials: Lab Manual – Faculty (can be purchase in the 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	Review and identify joints Review axis and planes of joints Palpate joints and muscles Osteokinematics/Arthrokinematics Primary Movement and Reversal of Action Open and Closed Chain End Feels Lab Manual pp.-15
2	Force vectors Laws of motion Levers Torque Arthrokinematic applications Lab Manual pp. 16-31
3	Finish Biomechanics Lab Force vectors Laws of motion Levers Torque Arthrokinematic applications

Week	Chapter/Topic/Lab
	Lab Manual pp. 16-31
4	Review of Connective Tissue & Inflammation; Stages of Acuity Lab Manual pp. 32-34 UE Innervation Lab Lab Manual pp. Shoulder Lab Lab Manual pp. 36-48
5	Shoulder Lab Lab Manual pp. 36-48
6	Shoulder Lab Lab Manual pp. 36-48
7	Elbow to Hand Lab Lab Manual pp. 49-62
8	Pelvis and Hip Lab Lab Manual pp. 63-70
9	Knee Lab Lab Manual pp. 71-80
10	Knee Lab Lab Manual pp. 71-80
11	Ankle Lab Lab Manual pp. 81-88
12	Trunk and Posture Lab Lab Manual pp. 89-100
13	Trunk and Posture Lab Lab Manual pp. 89-100 Lower Extremity: Innervation Lab Lab Manual p. 101
14	Gait – No Readings
15	Gait – No Readings
16	Appointments with students, as needed.