



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Functional Anatomy
Course Number: PTA226

Required Materials

Textbook(s): *Stark State PTA226 lecture manual: Stark state (can be purchase in the bookstore)*
PTA226 Lab Manual: Stark State, (can be purchase in the bookstore)
 Lippert, L. S. (2022). *Clinical kinesiology and anatomy* (7th ed.). F. A. Davis Company;

Required Readings: See below

Additional Materials: [Click here to enter text.](#)

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	<p>Anatomical Terms <i>Lippert: Chapter 1 (Basic Information); pp. 135-136; 197-199; 213-215; 234-235; 250,264-267; 292; 315-317; 333-336</i> <i>Handout package: A</i></p> <p>Skeletal System <i>Lippert: Chapter 3; pp. 138-139; 167-169; 197; 213; 251-252; 263; 267; 292-293; 336</i> <i>Handout package: B</i></p>
2	<p>Skeletal System <i>Lippert: Chapter 3 (Skeletal System); pp. 138-139; 167-169; 197; 213; 251-252; 263; 267; 292-293; 336</i> <i>Handout package: B</i></p>
3	<p>Articular System <i>Lippert: (Articular System) pp. 45-50</i> <i>Handout package: C</i></p>
4	<p>Biomechanics</p>

Week	Chapter/Topic/Lab
	<i>Lippert: Chapter 2 (Basic Biomechanics); pp. 6; 53-55</i> <i>Handout package: D</i>
5	Muscle Structure and Function <i>Lippert: Chapter 6 (Muscular System)</i> <i>Handout Package: E</i>
6	Trunk/Spine <i>Lippert: Chapter 9 (Neck and Trunk)</i> <i>Lippert: pp. 57-67</i> <i>Handout package: F</i> Shoulder Girdle <i>Lippert: Chapter 12 (Shoulder Girdle)</i> <i>Handout Package: G</i>
7	Shoulder Joint <i>Lippert: Chapter 13 (Shoulder Joint)</i> <i>Handout package: H</i>
8	Elbow and Forearm <i>Lippert: Chapter 14 (Elbow and Forearm)</i> <i>Handout package: I</i>
9	Wrist <i>Lippert: Chapter 15 (Wrist Joint)</i> <i>Handout package: J</i>
10	Hand <i>Lippert: Chapter 16 (Hand)</i> <i>Handout package: K</i>
11	Brachial plexus UE Innervations <i>Lippert: pp. 65-75 (Nervous System)</i> Nerve Injury in the UE <i>Lippert: pp. 79-80 (Nervous System)</i> <i>Handout package: L</i>
12	Pelvic Girdle and Hip <i>Lippert: Chapter 10 (Pelvis), 17 (Hip Joint)</i> <i>Handout package: M</i>
13	Knee <i>Lippert: Chapter 18 (Knee Joint)</i> <i>Handout package: N</i>
14	Foot and Ankle

Week	Chapter/Topic/Lab
	<p><i>Lippert: Chapter 19 (Leg, Ankle, and Foot)</i> <i>Handout package: O</i></p>
15	<p>L/S plexus LE Innervations Peripheral Nerve Injuries <i>Lippert: pp. 70; 75-80 (Nervous System)</i> <i>Handout package: P</i></p> <p>Gait Compensations <i>Lippert pp. 385-391 (Gait)</i> <i>Handout package: Q</i></p> <p>Posture <i>Lippert: Chapter 20 (Posture)</i> <i>Handout package: R</i></p>
16	<p>Appointments with students, as needed.</p>