

Functional Anatomy Sup Instroct

OTA - 1105 301

Course Student Learning Outcomes

- Identify selected muscles, their attachments, and movements in a cadaver examination.
- Identify selected muscles and skeletal structures through palpation in supervised instruction and clinical settings.
- Explain musculoskeletal function and occupational performance through kinesthetic problem solving activities and applied clinical experiences.
- Deduce muscles involved in occupational performance kinesthetic problem solving activities and applied clinical experiences.
- Formulate hypothesis of musculoskeletal dysfunction that explain occupational performance issues.

Course Prerequisites

PREREQUISITES: Acceptance into the OTA program COREQUISITE: OTA 1100

Engagement Plan

Contact me via canvas message. Emails generally returned within 1-2 business days.
Grading generally completed within 5 business days.

Required Text or Materials



Title: Visible Body

Subtitle: <https://slcc.pressbooks.pub/otaphysicaldysfunction/>

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Class Schedule

Date	Week number	Topic		Reading/Preparation	Assignments
		Cadaver Lab	Palpation Lab		
Aug 29	Week 2	Relating what we see to movement and function	<ul style="list-style-type: none"> ▪ Breaking down functional tasks ▪ Introduction to Visible Body 	A Virtuous Circle	
Sept 5	Week 3	Muscles of the trunk	Palpating and activating the trunk		
Sept 12	Week 4	<ul style="list-style-type: none"> ▪ Muscles of the neck ▪ Practice cadaver quiz 	<ul style="list-style-type: none"> ▪ Palpating and activating the neck ▪ Practice kinesthetic analysis 		
Sept 19	Week 5	Cadaver quiz 1	Kinesthetic analysis of the trunk and neck		Cadaver Quiz & Kinesthetic analysis 1 (in class)
Sept 26	Week 6	Muscles of the scapula	Palpating the bones and experiencing movement of the upper extremity	<ul style="list-style-type: none"> ▪ NA Video - Scapulothoracic joint: Structure and Function ▪ VB – 02A – Scapular musculature 	Muscles spreadsheet – Scapula
Oct 3	Week 7	Muscles of the Shoulder	Palpating and activating the shoulder	<ul style="list-style-type: none"> ▪ VB – 02B – Shoulder muscles 	Muscles spreadsheet – Shoulder
Oct	Week 8	Muscles of the	Palpating and	<ul style="list-style-type: none"> ▪ VB – 02C – Elbow 	Muscles

10		elbow and review	activating the elbow	Musculature	spreadsheet – Elbow
Oct 17	Week 9	Review of muscles of the scapula, shoulder and elbow	Review of muscles of the scapula, shoulder and elbow		
Oct 24	Week 10	Cadaver Quiz 2	Kinesthetic analysis of the shoulder and elbow		Cadaver Quiz & Kinesthetic analysis 2 (in class)
Nov 31	Week 11	Muscles of the forearm and wrist	Palpating and activating the forearm and wrist		
Nov 7	Week 12	Muscles of the hand	Palpating and activating the hand	▪ VB – 02E – Finger and Thumb Musculature	Muscle Spreadsheet – Extrinsic Hand muscles
Nov 14	Week 13	Review of muscles of the forearm, wrist and hand	Review of the muscles of the forearm, wrist, and hand		
Nov 21	Week 14	Cadaver Quiz 3	Kinesthetic analysis of the wrist and hand		Cadaver Quiz and Kinesthetic Analysis 3 (in class)
Nov 28	Week 15	Muscles of the hip and knee	Palpating and activating the hip and knee		
Dec 5	Week 16	Muscles of the ankle and foot	Palpating and activating the ankle and foot	VB - 03B Ankle and Foot Muscles and Function	Muscles spreadsheet – Distal LE

					Cadaver Quiz 4 (Visible Body) Kinesthetic analysis worksheet 4 - Online
Date TBD	Cadaver Final				

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Extra Credit	Assignment	0
	Fall 2023 Course Evaluations	Assignment	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Professionalism points	Assignment	30
	Roll Call Attendance	Assignment	
9/23/25	Cadaver Quiz 1 - Trunk and Neck	Assignment	20
9/23/25	Kinesthetic Analysis 1 - Trunk and Neck	Assignment	20
9/30/25	Muscles Spreadsheet - Scapula	Assignment	20

Due Date	Assignment Name	Assignment Type	Points
10/7/25	Muscles Spreadsheet - Shoulder	Assignment	20
10/14/25	Muscle spreadsheet - Elbow	Assignment	20
10/28/25	Cadaver Quiz 2 - Scapula, shoulder and elbow	Assignment	20
10/28/25	Kinesthetic analysis II - Scapula, shoulder and elbow	Assignment	20
11/11/25	Muscle spreadsheet - Extrinsic Hand	Assignment	20
11/25/25	Cadaver Quiz 3	Assignment	20
11/25/25	Kinesthetic Analysis 3 - Forearm, wrist and hand	Assignment	20
11/27/25	Kinesthetic Analysis IV - LE	Assignment	20
12/2/25	Muscle Spreadsheet - Distal LE	Assignment	20
12/2/25	Cadaver Quz 4 - LE	Assignment	20
12/8/25	Cadaver Final	Assignment	40

Brief Description of Assignments/Exams

Please see file "OTA 1150 – Assignments" in Canvas.

Grading Scale

GRADING SCALE:

95.00-100%	A	78.00-79.99%	C+	60.00-63.99	D-
90.0-94.99%	A-	75.00-77.99%	C	0-59.99%	E
87.00-89.99%	B+	71.00-74.99%	C- *	*Course retake required for C-and below	
83.00-86.99%	B	67.00-70.99%	D+		
80.00-82.99%	B-	64.00-66.99%	D		

GRADING POLICY

Students are often tempted to include information that was not requested in the prompt. For example, listing five examples when the question only asks for three. The instructor will only provide points for what was asked in the prompt. In the above example, points will be provided for only the first three answers. However, points will be decremented for incorrect information for the entire answer. In the above example, points will be decremented if any of the five answers provided are incorrect. Please, only answer the question as asked.

Assignments, objectives, due dates and point values are subject to change per instructor. Changes will be noted in the Announcement area of Canvas course site, email via Bruinmail, and/or stated in class. It is the student's responsibility to check the site frequently for updates.

Students must achieve minimum competency of skills in all courses and assignments as outlined in each course syllabi and assignment. Students who fail a quiz will be required to retake it once. If the student does not pass the retake at 75%, the student will be placed on academic probation. If the student passes the retake, the original quiz grade will stand on cumulative grading for that course. If a student cannot pass a midterm or final exam with at least a C (75%) for minimum competency, the instructor for the course has the right to require a student to complete a retake or parallel exam so the student can demonstrate competency of the material. The final grade for the course is determined on the total number of points achieved by the student. In order to pass the course, the student needs to achieve 75% of the total points available.

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

[Advising and Counseling Support Services](#)

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

[Student Academic Calendar](#)

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)