

**University of Texas at El Paso
College of Health Sciences
Occupational Therapy Program**

**OT 6101 Surface Anatomy
Syllabus Fall – 2024**

Instructors: Grisel Contreras, OTR, OTD, MOT

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and by appointment

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Contact Information: cmayagel@utep.edu

Office Hours: By appointment

Lecture and Lab A & B: Wednesday 9:00 a.m. -11:50 a.m.

Lecture and Lab Location: RSC 104 (full class)

RSC 110- Lab practicum

Course Description:

Students will identify bony landmarks, tendons, muscles, joint boundaries, and ligaments of the trunk, head, and extremities and their relationship to functional performance. Students will learn functional anatomy and its clinical relevance to develop clinical reasoning skills.

General and Specific Objectives: *Based on ACOTE 2018 standards*

Upon completion of the course, the learner will be able to:

1. Demonstrate knowledge of the structure and function of the human body including the biological and physical sciences, neurosciences, kinesiology, and biomechanics. (B.1.1.)
2. Demonstrate ability to perform palpation of bony and soft tissue structures (B.1.1.)
3. Identify bony landmarks and joint boundaries on the human body (B.1.1.)
4. Identify soft tissues such as superficial tendons, ligaments, and muscles in the human body (B.1.1.)
5. Identify the location and boundaries of deep structures such as bones, muscles, nerves, arteries, and internal organs such as the heart and lungs (B.1.1.)
6. Demonstrate sound judgment regarding the safety of self and others and adhere to safety regulations throughout the occupational therapy process as appropriate to the setting and scope of practice. This must include the ability to assess and monitor vital signs (e.g., blood pressure, heart rate, respiratory status, and temperature) to ensure that the client is stable for intervention. (B.3.7.)

UTEP Edge Experiences:

- **FIRST-YEAR EXPERIENCE:** Make the most of your first year through experiences uniquely designed to support your transition to UTEP

- **LEARNING COMMUNITIES:** Build friendships, gain academic support, and connect ideas across linked classes by joining a learning community
- **COMMUNITY ENGAGEMENT:** Serve the community through structured academic learning opportunities
- **CREATIVE ACTIVITIES:** Showcase your creative abilities through experiences that highlight your talents
- **RESEARCH SCHOLARLY ACTIVITIES:** Team up with faculty to gain experience and make intellectual and creative contributions to your field
- **STUDENT EMPLOYMENT:** Work on campus to develop professional experience, earn money, and enhance your resume
- **STUDENT LEADERSHIP:** Develop professional values by assuming leadership roles in your campus experiences
- **STUDY ABROAD/STUDY AWAY:** Expand your horizon with international or domestic academic experiences
- **INTERNSHIPS:** Gain professional experiences through on and off-campus work or service opportunities related to your major and career goals
- **CAPSTONE EXPERIENCE:** Participation and completion of a guided capstone experience in an area of interest that aligns with the OT curriculum and focus areas

UTEP Edge Advantages:

- **COMMUNICATION:** Reach mutual understanding through effective exchanges of information, ideas, and feelings
- **CONFIDENCE:** Be self-assured through appreciated your own talents, abilities, and qualities
- **CRITICAL THINKING:** Analyze and evaluate issues in order to solve problems and develop informed opinions
- **ENTREPRENEURSHIP:** Develop, organize, and manage ideas and opportunities turning them into new products, services, firms, or industries
- **GLOBAL AWARENESS:** Understand and appreciate people, cultures, and ideas from around the world that impact our community
- **LEADERSHIP:** Step up, think, and act critically and creatively to bring others together to accomplish a common task
- **PROBLEM-SOLVING:** Find solutions to difficult or complex issues
- **SOCIAL RESPONSIBILITY:** Act ethically and responsibly for the benefit of society and the public good
- **TEAMWORK:** Participate as an effective, efficient member of a group in order to meet a common goal

Connection to the Curriculum Design:

Curriculum Threads:

This course addresses the following curricular threads:

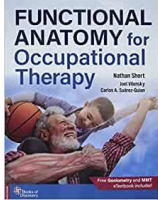
- Occupation-centered
- Evidence-based
- Culturally and Contextually Responsive

Areas of In-Depth Knowledge Development:

The UTEP OTD Program focuses on four areas of in-depth knowledge development: Clinical Practice Skills, Education, Advocacy, and Program Policy and Development. Students will choose one area to concentrate on with their OTD Capstone Experience and Project. OT 6101 targets the following area: Clinical Practice Skills

Bloom's Levels of Thinking: 1. Remembering, 2. Understanding, 3. Applying

Required Texts:



Short, N. (2022). *Functional Anatomy for Occupational Therapy* (1st ed.). Books of Discovery.

Recommended Texts:

Biel, Andrew. *Trail Guide to the Body: A hands-on guide to locating muscles, bones and more 5th Edition*. Boulder, CO: Books of Discovery; 2014

Technology Requirements

Course content is delivered via the Internet through the Blackboard learning management system (LMS). When you connect to this course, locate it in the margin and click on the course. Please ensure your UTEP email account is operational and that you have access to the Web. You may utilize any of the primary browsers, such as Explore, Google Chrome, Firefox, Safari, etc. Should you encounter technical difficulties, try switching to another browser.

Methods of Instruction

Regular access to a computer, Blackboard, and your UTEP email account. This course utilizes a student-centered approach to teaching via team-based learning (TBL) activities, with minimal use of lectures by faculty. Will use TBL group participation with faculty guidance and problem-based learning in teams, exploratory learning for active learning by doing, with peer and instructor feedback. This course shall utilize:

- Demonstration
- Videos and Photos
- PowerPoint/Lecture
- Class Discussion
- ***Virtual demonstration and Hands-on practice:*** Students will practice palpation techniques and identification of anatomical landmarks as requested by the instructors.

Methods of Evaluation

- **IRAT and TRAT Tests:** Students will complete a total of eight individual readiness assurance tests (IRAT) and eight team readiness assurance tests (TRAT) related to the assigned topics.
- **Lab Participation:** Students will actively participate and perform activities aimed to facilitate learning of human body landmarks, muscles, tendons, and the development of palpation skills. The lab activities are designed to enhance the application of newly learned materials and develop clinical reasoning skills.

- **Individual/Group Worksheets Modules (I/GWM):** These will be based on assigned readings, videos, and demonstrations to enhance the learning of the body's anatomical landmarks, muscles, and actions in preparation for quizzes. I/GWN must be submitted on the due date to acquire full credit.
- **Practicums (4):** Students will participate in a total of 4 practicums, which will assess acquired knowledge of various body structures and impact on functional performance.
- **Final Paper:** The students will reflect on newly acquired knowledge and its relevance in the occupational therapy process.

Course Grading:		Letter Grade Equivalents:
IRAT (Quizzes)	10%	A = 90-100
TRAT (Quizzes)	5%	B = 80-89
I/GWM	10%	C = 70-79
Lab Participation	10%	F = Below 70
Practicum 1	15%	
Practicum 2	15%	
Practicum 3	15%	
Practicum 4	15%	
Final Paper	5%	
GRADE SCORE	100%	

La Participation: Participation will be evaluated during each lecture and lab. All portions of this course will require various amounts of self-directed learning. It will be demonstrated by:

- Actively participating during lecture/lab discussions
- Responsibility for team member participation and interactions
- Completing requested lecture/lab activities
- Professional Behaviors

Professional Behaviors:

- 1) Punctuality and Attendance:** Students are expected to arrive promptly (5-10 minutes prior to the beginning of class) and to attend every class.
 - a. **Tardiness** without prior approval from the instructor will result in **1 point** off the computed final grade percentage per incident up to **5%** of the final grade. A text message, voice message, or email to the instructor can be left for approval.
 - b. **Any excused/unexcused** absence will result in an automatic deduction of **5%** in the final grade calculation for the course as determined by the instructor. You are expected to make up missed work and get information and materials missed from your classmates and the instructor.
- 2) Dress Code:** Students are to wear appropriate lab attire for all class sessions. See Student Handbook. Nails should be short so that nails are not visible from the palmar side of the hand.
- 3) Time Management:** Late assignments will have **10 points** deducted from the grade; per day, they are late. If assignments are due at the beginning of class and turned in after class has begun, **5 points will be deducted.**

- 4) **Acceptance of and participation in giving and receiving constructive criticism:** Students will be responsible for assessing fellow students' performance and modifying performance based on feedback.
- 5) **Disruptive Behavior:** Behaviors that detract students from learning will not be tolerated. These behaviors include but are not limited to talking during class when an instructor or other student has the floor, attire that distracts from students learning, entering and exiting during instruction, and incoming messages on electronic devices.
- 6) **Electronic Devices:** Cell phones and other electronic devices should be turned off during class.
- 7) **Computer:** Shall be utilized only to connect to the course's material and Blackboard Collaborate Ultra during class
- 8) **Clinical observations:** Should students participate in off-school events, they should wear polo or button-up shirts, pants, and closed-toed, non-skid shoes.

Academic Integrity: Students must demonstrate professional behavior and meet academic standards in all scholastic activities. Students who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from the university. "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, and the submission of credit of any work or materials that are attributed in whole or in part to another person, taking an examination for another person, any act designed to give an unfair advantage to a student or the attempt to commit such acts." Regents Rules and Regulations, Part One, Chapter VI, Section 3.22. Since scholastic dishonesty is hard for the individual, all students, and the integrity of the university, policies on scholastic dishonesty will be strictly enforced.

From the UTEP Dean of Student Affairs

(<http://studentaffairs.utep.edu/Default.aspx?tabid=4386>). It is an official policy of the university that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, and submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, or any act designed to give an unfair advantage to a student or the attempt to commit such acts. "Cheating" includes:

1. Copying from the test paper of another student, engaging in written, oral, or any other means of communication with another student during a test, or giving aid to or seeking aid from another student during a test.
2. Possession and/or use during a test of materials that are not authorized by the person giving the test, such as class notes, books, or specifically designed "crib notes".
3. Using, obtaining, or attempting to obtain by any means the whole or any part of a non-administered test, test key, homework solution, or computer program; using a test that has been administered in prior classes or semesters, but which will be used again either in whole or in part without permission of the instructor, or accessing a test bank without instructor permission.
4. Collaborating with or seeking aid from another student for an assignment without authority.

5. Substituting for another person, or permitting another person to substitute for oneself, to take a test.
6. Falsifying research data, laboratory reports, and/or other records or academic work offered for credit.

Plagiarism means the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the unacknowledged submission or incorporation of it in one's own academic work offered for credit or using work in a paper or assignment for which the student had received credit in another course without direct permission of all involved instructors. NOTE: This includes cutting and pasting and photocopying from online and other material.

Collusion means the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any provision of the rules on scholastic dishonesty. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy. Refer to <http://www.utep.edu/dos/acadintg.htm> for further information

Drop Policy

Should you elect to drop this class, please contact the [Registrar's Office](#) to initiate the drop process. If you cannot complete this course for whatever reason, please contact me. If you do not, you are at risk of receiving an "F " for the course.

Accommodations Policy

The University of Texas at El Paso is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs, services, and activities with documented disabilities in order to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship to the University. Students requesting accommodation based on a disability must register with the [UTEP Center for Accommodations and Support Services](#).

Americans with Disabilities Act:

If you have or suspect a disability and need accommodations, you should contact the Center for Accommodations and Support Services (CASS) at 747-5148. You can also email the office at cass@utep.edu or go by their office in Union Building East. For additional information, visit the CASS website at <http://sa.utep.edu/cass/>

Student Resources

UTEP provides a variety of student services and support:

- [UTEP Library](#): Access a wide range of resources including online, full-text access to thousands of journals and eBooks plus reference service and librarian assistance for enrolled students.

- [Help Desk](#): Students experiencing technological challenges (email, Blackboard, software, etc.) can submit a ticket to the UTEP Helpdesk for assistance. Contact the Helpdesk via phone, email, chat, website, or in person if on campus.
- [University Writing Center \(UWC\)](#): Submit papers here for assistance with writing style and formatting, ask a tutor for help and explore other writing resources.
- [Math Tutoring Center \(MaRCS\)](#): Ask a tutor for help and explore other available math resources.
- [History Tutoring Center \(HTC\)](#): Receive assistance with writing history papers, get help from a tutor and explore other history resources.
- [Military Student Success Center](#): UTEP welcomes military-affiliated students to its degree programs, and the Military Student Success Center and its dedicated staff (many of whom are veterans and students themselves) are here to help personnel in any branch of service to reach their educational goals.
- [RefWorks](#): A bibliographic citation tool; check out the RefWorks tutorial and Fact Sheet and Quick-Start Guide.

OT6101 SURFACE ANATOMY
Tentative Course Calendar
Fall 2024
Wednesday, 9 am to 11:50 pm

Note: The instructor(s) reserves the right to modify this syllabus and/or this class calendar as the instructor(s) deem necessary

W	Date	Lecture/Lab Topic	Readings	Assignments	Objectives
1	08-28-24	Introduction and Navigating the Body	Chapter 1 (Trail-Guide to the body) * *Chapter available in BB	Student Responsibilities agreement	B 1.1
2	09-04-24	Shoulder	Chapter 5 Functional Anatomy PPT BB	i-Rat #1 t-Rat #1 Lab Practice Worksheet	B 1.1 B 3.7
3	09-11-24	Elbow and Forearm	Chapter 6	i-Rat #2 t-Rat #2	B 1.1 B 3.7

			Functional Anatomy PPT BB	Lab Practice Worksheet	
4	09-18-24	Shoulder, Elbow, and Forearm Review			
5	09-25-24	PRACTICUM I			
6	10-2-24	Wrist and Hand: Bones, Joints, and Muscles	Chapter 7 Functional Anatomy PPT BB	i-Rat #3 t-Rat #3 Lab Practice Worksheet	B 1.1 B 3.7
7	10-9-24	Wrist and Hand: Occupational and Clinical Perspective	Chapter 7 Functional Anatomy PPT BB	i-Rat #4 t-Rat #4 Lab Practice Worksheet	B 1.1 B 3.7
8	10-16-24	Wrist and Hand Review			
9	10-23-24	PRACTICUM II			
10	10-30-24	Thorax and Abdomen	Chapter 3 Functional Anatomy PPT BB	i-Rat #5 t-Rat #5 Lab Practice Worksheet	B 1.1 B 3.7
11	11-6-24	Head and Neck	Chapter 4 Functional Anatomy PPT BB	i-Rat #6 t-Rat #6 Lab Practice Worksheet	B 1.1 B 3.7
12	11-13-24	PRACTICUM III			
13	11-20-24	Pelvis and Hip	Chapter 8	i-Rat #7	B 1.1

			Functional Anatomy PPT BB	t-Rat #7 Lab Practice Worksheet	B 3.7
14	11-27-24	Knee, Ankle, and Foot	Chapter 9 Functional Anatomy PPT BB	i-Rat #8 t-Rat #8 Lab Practice Worksheet	B 1.1 B 3.7
15	12-4-24	PRACTICUM IV			
16	12-11-24	FINALS WEEK Final Reflection Paper Due			

**University of Texas at El Paso
College of Health Sciences: Occupational Therapy Program**

OT6101: Surface Anatomy – Fall 2024

Student responsibilities:

1. Regular class attendance and participation. Understand **Punctuality and Attendance** policies.
2. Actively participate in all learning activities.
3. Request instructor's approval prior any expected absence.
4. Completion of all reading materials before attending class.
5. All assignments are due as indicated on the course outline. Late assignments will have **10 points** deducted from the grade; per day they are late. If assignments are due at the beginning of class and turned in after class has begun, **5 points will be deducted**.
6. If a student is unable to take a scheduled exam or quiz, s/he is **responsible for notifying the instructor before the examination**. Another student informing the instructor of an absence is not acceptable. The student is responsible for contacting the instructor to set up a make-up time for the missing examination. The scheduling of a make-up examination is at the discretion of the instructor.
7. Professional preparation of entry-level clinicians requires students to master the skill of active participation with team members; therefore, students are expected to participate in classroom and lab activities and discussions. **Lack of consistent participation** will result in a non-negotiable deduction of up to 10% off the final class grade.
8. For all clinical observations, it is recommended you wear pants (twill or chinos), closed-toe, non-skid shoes, and a polo or button-up shirt.

Disclaimer: Due to the content of this course, there may be physical contact with others and/or instructors to fully comprehend and correctly perform specific evaluation and intervention techniques. By reading and signing this statement, you agree to fully participate in and accept the possibility of physical contact by others and/or instructors for professional and educational purposes.

Student's Name: _____

Student's Signature: _____

Date: _____