

Cover Sheet: Request 11237

OTH 6xxx Clinical Musculoskeletal Anatomy

Info

Process	Course New Ugrad/Pro
Status	Pending
Submitter	Myers,Christine T ctmyers@phhp.ufl.edu
Created	11/2/2016 5:08:51 PM
Updated	11/22/2016 10:17:28 AM
Description of request	Functional understanding of bones, muscles and their innervation and action as these relate to diagnosis and treatment of common conditions and injuries to bones, muscles, tendons, and nerves.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	PHHP - Occupational Therapy 313303000	Pugh, Emily Strayer		11/15/2016
No document changes					
College	Approved	PHHP - College of Public Health and Health Professions	HANSON, STEPHANIE L.		11/15/2016
No document changes					
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Case, Brandon	Added to the December agenda.	11/22/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			11/22/2016
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 11237

Info

Request: OTH 6xxx Clinical Musculoskeletal Anatomy

Description of request: Functional understanding of bones, muscles and their innervation and action as these relate to diagnosis and treatment of common conditions and injuries to bones, muscles, tendons, and nerves.

Submitter: Myers,Christine T ctmyers@phhp.ufl.edu

Created: 12/8/2016 7:51:39 AM

Form version: 4

Responses

Recommended PrefixOTH

Course Level 6

Number xxx

Category of Instruction Intermediate

Lab Code C

Course TitleClinical Musculoskeletal Anatomy

Transcript TitleClin Musc Anatomy

Degree TypeProfessional

Delivery Method(s)On-Campus

Co-ListingNo

Effective Term Spring

Effective Year2018

Rotating Topic?No

Repeatable Credit?No

Amount of Credit5

S/U Only?No

Contact Type Regularly Scheduled

Weekly Contact Hours 5

Course Description Functional understanding of bones, muscles and their innervation and action as these relate to OT diagnosis and treatment of common conditions and injuries to bones, muscles, tendons, and nerves.

Prerequisites Anatomy with lab and Physiology with lab; Enrollment in the OTD program

Co-requisites OTH 6xxx Applied Kinesiology

Rationale and Placement in Curriculum Content meets the intent of program Student Learning Objectives. Also meets educational standards of accrediting body (ACOTE standards). Provides a foundation for future courses and clinical experiences.

Course Objectives B.1.1 Demonstrate knowledge and understanding of the structure and function of the human body to include the biological and physical sciences. Course content must include, but is not limited to, biology, anatomy, physiology, neuroscience, and kinesiology or biomechanics.

More specifically, the student is expected to perform the following:

1. Define and apply anatomical terminology, position, and planes of movement.
2. Identify and name the bones of the human body, locate and identify their landmarks, and describe the types, structure and function of bones.
3. Identify the types of joints in the human body and their general functional characteristics.
4. Identify and describe the anatomy of specific joints, selected ligaments and bursa

of the human body.

5. Identify and name the muscles of the upper extremity, lower extremity, neck, trunk and face.
6. Identify the bony origins and insertions of each of the muscles described in #5.
7. Explain and demonstrate the action of each muscle based on knowledge of its origin and insertion, the joints it crosses, and the direction of its fibers.
8. Identify the antagonistic and synergistic muscle actions in the upper and lower extremities.
9. Name, identify and locate the structures of the major peripheral nerves and nerve plexuses.
10. Explain and describe the functional changes that occur in movement following lesions of major nerves or plexuses.
11. Explain and describe the basic organization of spinal nerves for motor innervation of skeletal muscles.
12. Identify the innervation and corresponding spinal segment of muscles.
13. Identify and name the nerves and spinal segments which supply cutaneous sensation throughout the body.
14. Identify and name the general arteries, veins and lymphatics that supply the upper extremity, lower extremity, neck, trunk and head regions.

Course Textbook(s) and/or Other Assigned ReadingA. Required:

1. Required reading materials will be posted on E-learning for every class (noted as S in the syllabus). E-Learning Website: <http://elearning.ufl.edu/>
2. Lab manual (noted as S in the syllabus) must be purchase at Target Copy, either at 1412 W. University Ave. or at Butler Plaza (3422 SW Archer Rd.).
3. Sieg KW & Adams SP: Illustrated Essentials of Musculoskeletal Anatomy (Latest Edition). Gainesville, FL: Megabooks (noted as S&A in the syllabus).
4. Anatomy Atlas (any atlas or see recommended list).
5. TopHat classroom response system will be used in class. You must have access to it. Direct URL: <http://app.tophat.com/e/527357>; The 6-digit course code is: 527357.

B. Recommended (optional):

1. Moore, K.L, & Agur, A.M.R.: Essential Clinical Anatomy (Latest Edition). Philadelphia, PA: Lippincott Williams & Wilkins.
2. Mosses, KP, Banks JC, Nava PB, Petersen, D. Atlas of Clinical Gross Anatomy (Latest Edition). Spain: Elsevier Mosby.
3. Netter, F. Atlas of Human Anatomy, (Latest Edition). Icon Learning System.
4. Drake R. et al. Gray's Atlas of Anatomy (Latest Edition). Philadelphia, PA: Churchill Livingstone Elsevier.
5. Jones, SA. Pocket Anatomy and Physiology. Philadelphia, PA: F.A Davis, 2008.

Weekly Schedule of Topics Week Topic(s)

- 1 Introduction and basic information
- 2 Osteology and Joints
- 3 Pectoral and superficial back muscles
- 4 Shoulder region and brachial plexus
- 5 Joints of the back and vertebral column; Upper arm muscles
- 6 Muscles of the forearm and EXAM 1
- 7 Intrinsic hand
- 8 Innervation and blood supply of the upper extremity
- 9 SPRING BREAK
- 10 Thoracic and abdominal muscles, LE osteology and gluteal muscles
- 11 Joints: pelvis, hip, knee
- 12 Muscles of the thigh and leg; EXAM 2
- 13 Intrinsic foot, joints of the leg and foot
- 14 Innervation and blood supply of the lower extremity; muscles of deep back
- 15 Muscles of the neck, cervical plexus, osteology of the skull
- 16 Muscles of the eye, facial expression, mastication, deglutition and TMJ

Links and Policies Policies related to attendance, make up work and exams:

Attendance to program and course activities is required. For a review of the OTD Attendance policies and documentation requirements see the OTD Student Handbook. Emergency issues will be handled on an individual basis.

All faculty are bound by the UF policy for excused absences. For information regarding the UF Attendance Policy see the Registrar website for additional details:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx> .

Letter

Grade	A	A-	B+	B	B-	C+	C	C-	D+	D
	D-	E	WF	I	NG	S-U				
Grade										
Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0
	0.67	0.0	0.0	0.0	0.0	0.0				

For greater detail on the meaning of letter grades and university policies related to them, see the Registrar's Grade Policy regulations

at: <http://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

STUDENT EXPECTATIONS, ROLES, AND OPPORTUNITIES FOR INPUT**Expectations Regarding Course Behavior**

1. Preparation for class: To maximize the use of class time, you are expected to:
 - Look at E-learning for announcements and get the notes prior to each class.
 - Read and study assigned readings prior to class.
2. Class behavior: You are also expected to:
 - Be on time for class
 - Stay until class is dismissed
 - Silence your cellular phone
 - Be courteous by refraining from chatter and other distracting behaviors
 - Do not look at external material during class (newspaper, Facebook, twitter, etc.)
 - Arrange with the instructor in advance if you cannot attend class so you can get pertinent handouts and announcements

Communication Guidelines

Please email the instructors and TAs directly (email addresses are above) rather than using the E-learning. For digital communication expectations see: Netiquette Guidelines: <http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

Academic Integrity

Students are expected to act in accordance with the University of Florida policy on academic integrity. As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge:

"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied:

"On my honor, I have neither given nor received unauthorized aid in doing this assignment."

It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For additional information regarding Academic Integrity, please see Student Conduct and Honor Code or the Graduate Student Website for additional details:

<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>
<http://gradschool.ufl.edu/students/introduction.html>

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

Online Faculty Course Evaluation Process

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>

SUPPORT SERVICES

Accommodations for Students with Disabilities

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester.

Counseling and Student Health

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Students sometimes experience stress from academic expectations and/or personal and interpersonal issues that may interfere with their academic performance. If you find yourself facing issues that have the potential to or are already negatively affecting your coursework, you are encouraged to talk with an instructor and/or seek help through University resources available to you.

- The Counseling and Wellness Center 352-392-1575 offers a variety of support services such as psychological assessment and intervention and assistance for math and test anxiety. Visit their web site for more information: <http://www.counseling.ufl.edu>. On line and in person assistance is available.
- You Matter We Care website: <http://www.umatter.ufl.edu/>. If you are feeling overwhelmed or stressed, you can reach out for help through the You Matter We Care website, which is staffed by Dean of Students and Counseling Center personnel.
- The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or

check out the web site at: <https://shcc.ufl.edu/>

- Crisis intervention is always available 24/7 from:

Alachua County Crisis Center

(352) 264-6789

<http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx>

Do not wait until you reach a crisis to come in and talk with us. We have helped many students through stressful situations impacting their academic performance. You are not alone so do not be afraid to ask for assistance.

Inclusive Learning Environment

Public health and health professions are based on the belief in human dignity and on respect for the individual. As we share our personal beliefs inside or outside of the classroom, it is always with the understanding that we value and respect diversity of background, experience, and opinion, where every individual feels valued. We believe in, and promote, openness and tolerance of differences in ethnicity and culture, and we respect differing personal, spiritual, religious and political values. We further believe that celebrating such diversity enriches the quality of the educational experiences we provide our students and enhances our own personal and professional relationships. We embrace The University of Florida's Non-Discrimination Policy, which reads, "The University shall actively promote equal opportunity policies and practices conforming to laws against discrimination. The University is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans' Readjustment Assistance Act." If you have questions or concerns about your rights and responsibilities for inclusive learning environment, please see your instructor or refer to the Office of Multicultural & Diversity Affairs website: www.multicultural.ufl.edu .

Grading Scheme

Exam 1	125 points	22.7%
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Exam 2	125 points	22.7%
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Final exam	175 points	31.9%
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Quizzes	125 points	22.7%
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Total points = 100

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Instructor(s) Orit Shechtman, Ph.D., OTR/L