

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

PT 6312

Musculoskeletal II: Lower Quarter Rehab

Fall 2016

COURSE SYLLABUS

Credit Hours: 3

Contact Hours: 72

Schedule (*Unless otherwise stated in syllabus or BB*):

Monday	6:00 – 8:00 pm	Lecture Online Self Review
Tuesday	2:00 – 2:50 pm	Lecture In-Class All
	3:00 – 6:00 pm	Lab, Group A
Wednesday	3:00 – 6:00 pm	Lab, Group B
Friday	12:00 – 12:50 pm	Lecture In-Class All
	1:00 – 2:50 pm	Lab, Group A
	3:00 – 4:50 pm	Lab, Group B

Coordinator/Instructor:

Name: Bryan Boyea, PT, DPT, OCS

Office Hours: email Dr. Boyea to coordinate an appointment

Office: Campbell Building Rm # 310

Phone: Desk: 747-8219, Cell: 915-346-9631 (for emergencies)

E-mail: blboyea@utep.edu

Course Description:

This course focuses on the examination, evaluation, and management of patients/clients with surgical and non-surgical orthopedic conditions of the hip, knee, or foot/ankle, including the prescription and management of orthotics and prosthetics.

Course Objectives:

Upon completion of this course, the student should be able to:

1. Analyze data from simulated patient case scenarios of common musculoskeletal conditions to formulate an assessment with a hypothesis, develop a problem list which correlates with objective and functional goals as well as correlates with a plan of care developed with selection of appropriate physical therapy interventions. (7D20, 7D21, 7D22, 7D24)
2. Discuss surgical interventions for connective tissue, skeletal and/or muscular pathologies of the hip, knee, or foot/ankle.
3. Perform and document an examination of a simulated patient/client with hip, knee, or foot/ankle orthopedic musculoskeletal pathology selecting and performing appropriate tests and measures. (7D17, 7D18, 7D19g,h,l,k,l,m,n,o,p,q,r,st,u,v, 7D32)

4. Synthesize hip, knee, or foot/ankle examination data to complete the physical therapy evaluation and establish an appropriate differential diagnosis. (7D22)
5. Determine patient/client prognosis based on evaluation of results of hip, knee, or foot/ankle examination, medical and psychological information. (7D23)
6. Establish and document or select appropriate goals and plan of care related to hip, knee, or foot/ankle orthopedic problems. (7D24, 7D32)
7. Interpret examination data to identify and document appropriate physical therapy interventions to achieve goals that facilitate expected patient/client outcomes. (7D27)
8. Incorporate the results of various imaging procedures for the hip, knee, foot and ankle in patient/client management. (7D17, 7D20)
9. Select, recommend and apply common orthotic devices appropriate to particular lower quarter disorders. (7D27b)
10. Assess for common gait deviations with use of an orthotic or prosthetic device. (7D19i)
11. Describe training for patients in the use of their orthoses or prostheses. (7D27b)
12. Critically appraise and select peer-reviewed physical therapy research for diagnostic testing and intervention studies. (7D9)
13. Demonstrate professional behaviors that reflect integrity, self-assessment, compassion/caring, effective communication and listening skills, and develop professional rapport for mutual respect and confidence during simulated patient care. (7D4, 7D5)

Required Texts:

1. Boucher B, Flynn T, Robertson E, Wainner R. Evidence in Motion, Musculoskeletal Learning Academy, Lumbopelvic Region. <http://mylearning.evidenceinmotion.com>
2. Spinal & Extremity Manipulation: The Basic Skill Set for Physical Therapists 2nd edition - Wainner, Flynn, and Whitman. ISBN #978-0-9714792-5-8.

Recommended Texts:

1. Evidence-based Orthopaedic Exam, Second Ed, by Chad Cook
http://www.amazon.com/Orthopedic-Physical-Examination-Tests-Evidence-Based/dp/0132544784/ref=la_B001H6ND1Y_1_1?s=books&ie=UTF8&qid=1397481452&sr=1-1
2. Clinically Relevant Orthopaedic Exam (CORE) Physical Exam App (iOS and Android)
<http://clinicallyrelevant.com/core-clinical-orthopedic-exam/>
3. Clinically Relevant Mobile OMT LE App (iOS and Android)
<https://itunes.apple.com/us/app/mobile-omt-lowerextremity/id395650293?mt=8> or
<https://play.google.com/store/apps/details?id=com.crtech.android.omtle&hl=en>
4. Pocket Orthopaedics by Michael Wong <http://www.amazon.com/Pocket-OrthopaedicsEvidence-Based-Survival-Guide/dp/0763750751>

Course Content: Comprehensive orthopedic-based examination of the lower extremities including the hips, knees, ankle and foot in disease, injury and post-surgical conditions using

evidence-based test, measures and specialized evaluative techniques. Clinical reasoning developed to establish physical therapy diagnosis and evidence-based treatment interventions.

Methods of Instruction: Online and in-class lecture, team-based learning, panel discussions, problem-based learning, DVD and online video demonstration, laboratory demonstrations, assignments and readings, simulated patients, and case studies.

Methods of Evaluation: Written exams, quizzes, lab practicals, assignments, and a comprehensive final exam.

Item	Grade Composition
Quizzes	20%
Lab Assignments	5%
Midterm Exam	20%
Midterm Skills Check	5%
Final Practical Exam (Comprehensive)	20%
Final Exam (Comprehensive)	<u>30%</u>
Total	100%

Tentative Topic/Assignment Outline:

Refer to *Course Outline* document, Outline is ***subject to change at instructor's discretion.***

UTEP DOCTOR OF PHYSICAL THERAPY PROGRAM GRADING SCALE

The following letter grade scale is used for the UTEP Doctor of Physical Therapy Program:

Letter Grade Scale	Numerical Grade Scale
A	90-100
B	80-89
C	75-79
F	Below 75

Special Accommodations (ADA):

"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 e-mail 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/>

Course and Program Policy:

Each student is responsible for reviewing and understanding all policies and procedures documented in the most current DPT Student Handbook for his/her cohort. Course policies found in the DPT Student Handbook apply to all courses in the DPT curriculum. The current DPT

Student Handbook for each cohort may be found on the DPT Student Resources site on Blackboard. The course policies include very important information about: Written/Computer-based examinations, practical examinations, attendance and participation, professional behavior, academic integrity, scholastic dishonesty, dress code, accumulated knowledge, and use of electronic devices.

Course Specific Policies and Doctoral Student Expectations:

(This is in addition to information found in Student Handbook, and is specific to Dr Boyea's courses. Each faculty member has the right to have his/her own policy related to these issues. It is the responsibility of the student to follow the policy of each faculty member.)

ATTENDANCE:

As all program faculty do, I believe that doctoral students should demonstrate their commitment to the profession and respect for faculty, guest speakers, and colleagues by attending all classes/labs, and arriving to class on time. Further, I expect each doctoral student arrive to class prepared for scheduled activities, to actively participate, and to foster a positive and creative learning environment for peers and instructors. Failure to arrive to class prepared and on time, and/or to not participate actively, and/or to fail to demonstrate professional behaviors may result in deductions to your final semester grade.

However, congruent with life's unpredictability, I permit ONE excused absence of a single class* or lab period per course per semester for any reason. In order for your first absence to be excused, you must email me at blboyea@utep.edu at least 2 hours in advance if you will not be attending class or lab. I do not require you to give me a reason. A phone call from you or message from one of your classmates is not acceptable. *NOTE: Single class or lab session is defined as 1.5 hours.

If you miss a second (or more) class or lab for any reason, it will be considered unexcused unless it is due to documented illness or emergency. In these cases, you must email me to arrange a meeting to discuss why you missed class. Documentation will be required for any additional absence (eg, doctor's note documenting illness or treatment). I will notify you after our meeting and review of your documentation whether or not the absence will be considered excused or unexcused.

Missing 50% or more of a class or lab will be considered an absence.

There will be NO accommodations offered for missed class/lab time (with very rare exception [eg, documented serious illness or emergency] that will be considered on a case by case basis). Specifically, I will NOT offer the opportunity to make up in-class quizzes or written examinations, either in advance or after the scheduled class, or provide individual tutoring for missed content. Additionally, late work caused by your absence will not be accepted. You

should make prior arrangements with a classmate to find out what you missed, turn in any work, and/or pick up any hand-outs.

For each incident of an unexcused absence, 5% will be deducted from your final semester grade.

TARDINESS &/or EARLY DEPARTURE:

Students are expected to be on time and prepared to begin the course; therefore, students who are tardy will be penalized. If you are late to class by greater than 10 minutes without contacting the instructor by email or the DPT Program office at (915)747-8207 it will be treated as an unexcused absence. If you expect to arrive late or leave early (eg, doctor's appointment), you should notify me in writing by email at least 2 hours in advance. If you are consistently late &/or leave early for any reasons, I will contact you to discuss the problem in person or by email. Each subsequent incidence of tardiness &/or early departure may result in 1% deduction from your final semester grade.

It is the responsibility of the student to obtain any materials presented in class and to ensure assignments are turned in on time. Further, there will be NO accommodations offered for missed class/lab time (see attendance section above for specifics).

Note: I use the clock on the computer to determine when class should start and end.

PARTICIPATION and PROFESSIONAL BEHAVIORS:

I expect each Doctoral student to arrive to class and lab prepared and to actively participate while not being disruptive. If you are consistently ill-prepared, not actively participating, using electronic devices (not for classroom activities, and/or being disruptive, I will contact you to discuss the problem in person or by email. Each subsequent incidence of poor preparation, poor participation, and/or disruption may result in 1% deduction from your final semester grade.

If the student's actions negatively impact the classroom environment, the student will be warned one time and if the behavior continues the student will be excused from class for the day and the class session will be considered an unexcused absence.

STUDENT EXPECTATIONS:

In clinically-oriented, kinesthetically-based courses, each student is required to demonstrate competence by means of laboratory practical examinations. The student must successfully complete each practical examination with a passing score ("C" or better). Should a lower grade be attained, the student may be provided ONE additional testing opportunity to demonstrate competence in that material. The student must demonstrate a passing score on the retake. The

student will earn no better than a 75% if he/she passed the 2nd exam. Students failing to achieve this standard for each competency test in a given course will not pass the course. See Handbook

Homework assignments that are due online must be submitted on BB before the assigned due date/time. It is the responsibility of the student to ensure that all assignments and exams are completed by the assigned due date. Do not leave things to the last moment. Students must assure that their papers have successfully uploaded as an attachment. Students who have difficulty with submitting their work online must contact the instructor or help desk immediately. Only after this process has been completed will an assignment be accepted via email. If a student does not submit an assignment or exam by the designated due date/time, the student will be assessed a grade of zero (0) for that particular assignment or exam. Student names are required on all assignments-both in the file name and at the top right corner of the paper.

All papers submitted electronically for grading in this course must use the instructions in the student handbook. Document file names should adhere to the following pattern: student last name_PT5204_assignment name.doc.

Example: STUDENTNAME_PT6312_LabAssign1.doc.