

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

PT 6203 Differential Diagnosis for Physical Therapists Spring 2016

COURSE SYLLABUS

Credit Hours: 2

Contact Hours: 30 hours (10 weeks)

Schedule: Tuesday 10:30 -12:00 Room 113 and Thursday 2:00-3:30 Room 235

Coordinator/Instructor: Michelle Gutierrez, PT, Dsc

Office Hours: Office Hours: Mondays 3:30 – 5:30 and Thursdays 3:45-5:45 or by appointment only
(see bulletin board)

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Course Description: An evaluation of the musculoskeletal, neuromuscular, cardiopulmonary, and integumentary conditions encountered by physical therapists, with emphasis on physical therapist diagnosis are presented. Recognition of signs and symptoms associated with various conditions beyond the scope of physical therapist intervention is developed, enabling the practitioner to make appropriate referrals.

Course Objectives: At the conclusion of this course, the student will be able to:

1. Recognize the signs and symptoms of a medical condition beyond the scope of practice for physical therapists.
2. Review the pathology and examination of the alimentary, urogenital, cardiopulmonary and integumentary body systems.
3. Apply the differential physical therapy diagnostic model to the alimentary, urogenital, cardiopulmonary and integumentary body systems. (CC 5.31, .32, .53, .54, .55)
4. Review the pathology and examination of rheumatological and neuromuscular disorders and apply the differential physical therapy diagnosis model to same. (CC5.31, .32)
5. Recognize and describe the medical “red flags” associated with selected medical conditions. (CC 5.31, .44)
6. Recognize the referred pain patterns originating from the visceral organs. (CC 5.31, .32, .53, .54, .55)
7. Discuss components of various medical screening tools, including: plain imaging, diagnostic ultrasound, computed assisted tomography, magnetic resonance imaging, bone scanning, PET scanning, arteriography, fluoroscopy, and arthrography. (CC 5.31, .32,.53,.54,.55)

8. Obtain and use evidence to evaluate and assimilate screening techniques when evaluating clients. (CC 5.31, .32, .53, .54, .55)
9. Perform and interpret client testing for chosen medical conditions. (CC 5.31, .32,.53,.54,.55)

Required Texts:

Goodman CC, Snyder TE. *Differential Diagnosis for Physical Therapists: Screening for Referral*, 5th Edition. St. Louis: Saunders Elsevier, 2013. ISBN: 13: 978-1-4377-2543-8

Recommended Texts: None

Methods of Instruction: Lecture, readings, learning exercises, videotape and multi-media review and presentations, discussion, case studies, group interaction

Methods of Evaluation: Evaluation of course content will consist of quizzes, exam, an assignment, presentations, and a comprehensive final examination.
Graded activities and their weight are as follows:

Assignments (4)	10%
Quizzes (6*)	10%
Presentation (2)	20%
Mid-Term Exam	30%
<u>Final Exam</u>	<u>30%</u>
Total	100%

*There will be 7 quizzes; lowest score will be thrown out.

UTEP PHYSICAL THERAPY PROGRAM GRADING SCALE

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

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

*If you get a grade below 80% on any examination or assignment, you are required to arrange a meeting with the instructor to develop study strategies for performance improvement.

Course Content: Please see topic outline for specific content.

Course and Program Policy:

See PT Program Handbook for all policies on exams, electronic device use, dress code, attendance, and scholastic dishonesty. Your instructors encourage you to periodically review all handbook policies, but in light of past experiences, **particularly direct you to review the**

policies on cheating, accumulated knowledge, professional behaviors, attendance, and the disclaimer that the syllabus is subject to change.

Participation and Professional Behaviors:

1. All faculty expect students to arrive on time to class prepared, to actively participate, and to not be disruptive. Students are expected to return promptly from any breaks and remain attentive in the classroom until the next planned break.
2. **Tardiness and Attendance Policy:** 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 PT Department office (915-747-8207) it will be treated as an unexcused absence. If an emergency or illness prevents a student from attending class, communication directly with an instructor or the department is expected prior to the beginning of class. A verbal message through another student will not suffice. It is the responsibility of the student to obtain any materials presented in class and to ensure assignments are turned in on time. Each unexcused absence will result in a 5% reduction of their total class grade. See the handbook for policy.
3. Professional behavior will be expected in ALL class sessions and inside and outside of the classroom. Students demonstrating unprofessional behavior 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. If a student is consistently ill-prepared, not actively participating, and/or being disruptive, the student will be contacted to meet with the instructor to discuss the problem. Each subsequent incidence of poor preparation, poor participation, and/or disruption may result in 1% deduction from the final semester grade.
4. Cell phones and telecommunication devices should be turned off or left outside of the classroom unless being used in class activities. If any circumstance necessitates the student to have his/her cell phone turned on in the classroom, it MUST be discussed with the instructor PRIOR to class. Any student who is observed to be using these devices during class time will be asked to leave the classroom for that class period, resulting in an unexcused absence for that class period. This includes using a laptop computer for accessing email or the internet for purposes not related to class topics during class time.

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/>

Student Expectations:

1. **Homework assignments are due online and must be dated before time of the due date.** No late assignments or exams will be accepted for grading. It is the responsibility of the student to ensure that all assignments and exams are completed by the assigned due date. If a student does not submit an assignment or exam by the designated due date, the student will be assessed a grade of zero (0) for that particular assignment or exam. Do not leave things to the last moment. Student names are required on all assignments-**both in the file name and at the top right corner of the paper.**

2. All assignments are to be submitted online ONLY, unless otherwise specified. 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.
3. All papers submitted 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_PT6314_assignment name.doc.

Example: STUDENTNAME_PT6203_Assignment 1.doc.

Project: Presentations and assignments: Instructions and rubric will be given in class.

Tentative Topic/Assignment Outline (Subject to change at Dr. Gutierrez's discretion):

Date	Topic	Reading Assignment (Readings may be added/or changed at the discretion of the instructor)	Objectives
<u>Week 1</u> Jan 19	Introduction to Physical Therapy Screening	Goodman: Chp 1	1, 5, 9, 10
Jan 21	Quiz #1 Pain Types and Viscerogenic Pain Patterns	Goodman: Chp 3	1, 5, 6, 7, 9, 10
<u>Homework</u> Jan 24 @ 5:00 pm	Assignment #1 Due		
<u>Week 2</u> Jan 26	Physical Assessment as a Screening Tool	Goodman: Chp 4	1-5, 7, 9, 10
Jan 28	Quiz #2 Screening of the Cardiovascular Disease Group Presentation Hematalogic Disease Group Presentation Cardiovascular Disease	Goodman: Chp 6	1-5, 7, 9, 10
<u>Homework</u> Jan 31 @ 5:00 pm	Assignment #2 Due		
<u>Week 3</u> Feb 2	Screening of Pulmonary Disease Group Presentation Pulmonary Disease Case	Goodman: Chp 7	1, 4, 5, 9, 10
Feb 4	Quiz #3 Screening for Cancer Group Presentation Cancer	Goodman: Chp 13	1-5, 7, 9, 10
<u>Week 4</u> Feb 9	Screening for Immunological Disease Group Presentation	Goodman: Chp 12	

	Immunological Disease Case		
Feb 11	MIDTERM EXAM		
Week 5 Feb 16	Quiz #4 Screening for Gastrointestinal Disease Group Presentation GI Case	Goodman: Chp 8	1, 2, 3, 5
Feb 18	Screening for Endocrine and Metabolic Disease (On your own)	Goodman: Chp 11	1, 2, 3, 5
Homework Feb 21 @ 5:00 pm	Assignment #3 Due		
Week 6 Feb 23	Screening for Hepatic and Biliary Disease Group Presentation Endocrine and Metabolic Disease Group Presentation Hepatic and Biliary	Goodman: Chp 9	
Feb 25	Quiz #5 Screening for Urogenital Group Presentation Urogenital Case	Goodman: Chp 10	1, 2, 3, 5
Homework Feb 28 @ 5:00 pm	Assignment #4 Due		
Week 7 Mar 1	Screening Head, Neck, & Back	Goodman: Chp 14	1-10
Mar 3	Quiz #6 Screening of the Sacrum, SI & Pelvis Case	Goodman: Chp 15	1-10

<u>Week 8</u>	SPRING BREAK		
<u>Week 9</u> Mar 15	Screening of the Lower Quarter	Goodman: Chp 16	1-10
Mar 16 @midnight	GROUP CASES DUE		
Mar 17	Screening Chest, Breast, & Ribs	Goodman: Chp 17	1-10
<u>Week 10</u> Mar 22	Quiz #7 Screening of the Shoulder and UE Case	Goodman: Chp 18	1-10
Mar 24	Discuss Cases Class Review		
Wk 11 TBD	FINAL EXAM		