

# PT 7232

## Foundations for Systems Review



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**Phone:** 325-942-2581

**Office:** HHS 224P

**Office Hours:** available upon request

**Credit Hours:** 2-0      **Clock hours:** 32 lecture hours

## Course Information

### Course Description

Course provides student physical therapists with a step by step approach to client evaluation that follows the standards for competency established by the American Physical Therapy Association (APTA) related to conducting screening examinations for patients with the signs and symptoms of musculoskeletal problems. The screening interview is introduced. Pain types and patterns are described and organ systems and disease processes that can refer signs and symptoms to the neuromuscular or musculoskeletal systems are identified. Screening clues and guidelines will be identified to facilitate early detection of problems and referral to appropriate healthcare providers.

### Course Credits

32 Lecture Hrs

### Prerequisite and Co-requisite Courses

Successful completion of previous DPT coursework

### Prerequisite Skills

Accessing Internet websites, using ASU Library resources, and proficiency with Microsoft Word and PowerPoint are expectations of PT 7232.

## **Required Use of Masks/Facial Coverings by Students in Class at Angelo State University**

As a member of the Texas Tech University System, Angelo State University has adopted the mandatory [Facial Covering Policy](#) to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

## **Program Outcomes**

Upon completion of the program of study for the DPT Program, the graduate will be prepared to:

## **Student Learning Outcomes**

1. Utilize medical history, risk factor identification, clinical presentation and system screenings to recognize the presence of a medical condition that supersedes or mimics a condition requiring physical therapy treatment. (7D16-18, 39)
2. Integrate screening information to make decisions about how and when to refer a patient/client to another healthcare professional. (7D16-18, 39)
3. Identify organ systems, disease processes, conditions and illnesses that can refer signs and symptoms to neuromuscular and/or musculoskeletal systems. (7D16-18, 39)
4. Perform a systematic screening to identify and/or rule out systemic diseases and medical conditions in patients with referrals for physical therapy.(7D2, 7D16-18, 39)
5. Effectively engage with special populations (i.e. geriatrics, those with disabilities or special needs, retired veterans, college students, low socioeconomic groups) to further understand the importance of screening and medical interviews. (7D2, 39)
6. Identify the effect of culture, age, gender, etc on past medical history and current condition and modify communication strategies based on such variables. (7D2, 39)
7. Self-evaluates professional rehabilitation assessment practices for the purpose of continuous professional improvement. (7D16-18, 39)
8. Examine interprofessional competencies including communication, leading teams, situation monitoring, and mutual support for effective patient care (6F)

9. Participate in learning experiences related to patient-centered interprofessional collaboration. (7D39, 6F)

## **Course Delivery**

This is a face-to-face course with learning resources. Classroom lecture, group discussions, case studies, and interaction with volunteer patients/clients from the community will be used for presentation of course materials. Blackboard will be utilized to provide students with announcements and class materials in advance when possible. Reading assignments for the text are listed in the course schedule. You are responsible for the reading material before the beginning of class for each date. Quizzes will be given based upon readings. The faculty may provide additional reading assignments.

## **Required Texts and Materials**

Goodman CC, Heick, JH, and Lazaro, RT: Differential Diagnosis for Physical Therapists – Screening for Referral. 6<sup>th</sup> ed; St. Louis, MO: Saunders Elsevier Inc.; 2018; ISBN-13: 978-0323478496.

## **Recommended Texts and Materials**

APTA: Guide To Physical Therapy Practice (GTPTP), Version 3.0 online at [guidetoptpractice.apta.org](http://guidetoptpractice.apta.org).

## **Technology Requirements**

To successfully complete this course, students need to use of tools such as Respondus Monitor and Respondus Lockdown Browser. It is an expectation of the program that technology be used in a way that supports learning and benefits you and your classmates. Students must silence cell phones and place them out of sight during class unless instructed to use them by the professor. Permission may be granted, at the instructor's discretion, to have a cell phone out during class. Students seeking permission to have cell phones out during class must do so prior to the start of class. Points will be deducted from your final course grade at the discretion of faculty members if any technology (including but not limited to cell phone, tablet, laptop) is used in a manner that is not professional and beneficial in the learning environment. Additionally, the first offense includes a verbal warning that will be documented in the behavioral tracking sheet. The second offense includes the initiation of a disciplinary tracking form. The third offense will result in the convening of a disciplinary committee to decide upon further disciplinary action.

## **Communication**

Faculty will respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday. All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and

section number in your subject line. Office hours and/or advising may be done with the assistance of the telephone or other methods when needed.

### **ACCIDENT/INCIDENT REPORTING:**

Any student involved in a safety incident on ASU property or at an ASU related educational activity (e.g. accidental needle stick, fall, etc.) must immediately notify the course coordinator, clinical instructor and/or department chair. If the incident occurs after hours, all incidents must be reported to the University Police at 942-2071. A student Accident/Incident Report must be completed no matter how insignificant the incident may appear. [See Appendix 15 of the Student Handbook for the form.]

## **Grading**

### **Evaluation and Grades**

Course grades will be determined as indicated in the table below.

Assessment	Percent/Points of Total Grade
EXAM I-closed book, individual effort	25%
EXAM II-closed book, individual effort	25%
FINAL EXAM-closed book, individual	25%
Interprofessional Education (IPE) Assignment	10%
QUIZZES- Work alone, individual effort	15%
TOTAL	100%

### **Grading System**

Course grades will be dependent upon completing course requirements and meeting the student learning objectives/outcomes.

The following grading scale is in use for this course: **(Minimal passing grade is 80%)**

**Students achieving less than 80% will be referred to the Academic Committee (See Student Handbook for Policy).**

A = 90.00-100 points

B = 80.00-89.99 points

C = 70.00-79.99 points

F = 0-69.99 points

Appropriate professional behaviors are required, and if not demonstrated, will affect your grade. Professional behaviors include contributing to group activities and participating in preparation activities and scheduled class sessions.

#### **Policy on Quiz/Test Question Review:**

1. Quizzes/Tests will be analyzed by faculty to determine validity of questions and accuracy of answers at their earliest convenience.
2. If errors are determined, adjustments will be made before grades are assigned.
3. There will be no discussion on test questions until analysis and grades are assigned.
4. If a student opposes a question's answer, he or she will have 24 hours after posting of grades to provide by email a paper to support the chosen answer. The maximum accepted length of the paper is 1 page (double spaced & font 12). Only references cited in class will be accepted (textbooks, PowerPoint, &/or articles cited in PowerPoints). An individual time will be scheduled with the student to review the challenged question(s).
5. Student queries prior to the announcement of assigned grades will negate the opportunity to challenge a question.
6. Faculty may elect to discuss the concept of specific questions with a high percentage of missed answers in class. No change in grades will be made based upon class discussion, see #4.

### **Teaching Strategies**

Students are expected to be "active learners." It is a basic assumption of the instructor that students will be involved (**beyond the materials and lectures presented in the course**) discovering, processing, and applying the course information using peer-review journal articles, researching additional information and examples on the internet, and discussing course material and clinical experiences with their peers.

### **Assignment and Activity Descriptions**

**\*Please note: Rubrics for assignments and activities are located in this Blackboard course.**

**Interprofessional Education (IPE) Assignment:** IPE provides an avenue for synthesis of information for problem solving in patient care. IPE assignments are provided in this course as a way to help students' process course materials, express thoughts, and engage others' opinions and ideas in a healthy and productive learning environment to enhance clinical outcomes. Students are expected to work as a team using IPE grading rubrics to support submitted answers to the assigned questions in the graded IPE assignment.

**Quizzes:** These timed quizzes cover materials from the required textbook chapters. The quizzes are open note, open book and materials, but they are an INDIVIDUAL effort. Complete the quizzes on your own with no classmates present. Pay close attention to which chapters are covered on each quiz. The quizzes are due by the due date as noted on the course schedule.

You may submit quizzes early. Only one submission is allowed. Pay attention to the total time allowed to submit the quizzes, and submit prior to the time expiring.

### **Assignment Submission**

All assignments MUST be submitted through the Assignments link in the Blackboard site. This is for grading, documenting, and archiving purposes. Issues with technology use arise from time to time. SUBMIT ASSIGNMENTS EARLY to allow time to work through technology difficulties. If a technology issue does occur regarding an assignment submission, email me at [hbraden@angelo.edu](mailto:hbraden@angelo.edu) and attach a copy of what you are trying to submit. **Please contact the IT Service Center at (325) 942-2911 or go to your Technology Support tab to report the issue.** This lets your faculty know you completed the assignment on time and are just having problems with the online submission feature in Blackboard. Once the problem is resolved, submit your assignment through the appropriate link. This process will document the problem and establish a timeline. Be sure to keep a backup of all work.

### **Late Work or Missed Assignments Policy**

Due dates and times for assignments are posted. Late assignments are not accepted without prior approval of faculty. Faculty reserve the right to deduct points for late assignments that are accepted past the original due date.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)<sup>1</sup>
- [Angelo State University Catalog](#)<sup>2</sup>

### **Student Responsibility and Attendance**

Attendance and promptness to classes, meetings, and future work obligations are considered professional behaviors. As this department is preparing potential professionals in the area of physical therapy, it is part of our expectation that student presence and timeliness will be held in highest regard. Tardiness is a disruption to the instructor and fellow students. A student is considered tardy if he/she arrives for class after the instructor has begun class activities. Please see the following related to implications from excessive lateness or absences without a reasonable excuse:

- a. First offense - verbal warning
- b. Second offense - second verbal warning, initiation of Disciplinary Tracking Form.
- c. Third offense - 1% off final course grade
- d. 1% off final course grade for each additional unexcused tardy or absence

Per the student handbook, **2 or more occurrences combined or mixed will result in the initiation of a Disciplinary Tracking Form.**

If a student has an unexcused absence during integrations it may lead to the removal of that student from that clinical environment. It is the responsibility of the student to contact the clinical site and give notice if they are ill, or have transportation issues.

If the student is unable to attend class, it is the student's responsibility to either call the PT office at 942-2545 or the office of the professor of the class directly. This notification should be made prior to commencement of said class.

Continued issues with tardiness/attendance across all courses will result in disciplinary probation and will be referred to the PT faculty for consideration of options, including program dismissal.

The PT faculty is not oblivious to doctor's appointments and other potential hazards and emergencies in daily life. Simply taking responsibility to notify the office or the professor if issues arise is considered professional behavior. Please do not rely on a classmate or other form of notification, as these have proven unreliable in years past.

**ATTENDANCE AT ALL SCHEDULED EXAMINATIONS IN THE SCHEDULED LOCATION (e.g., CLASSROOM OR TESTING CENTER) IS MANDATORY.** Any unexcused absence from an examination will automatically result in a score of ZERO for that examination. Attempt(s) to take the exam in a location other than that scheduled by the professor without prior approval will automatically result in a score of ZERO for that examination. In the event that a student is late to an exam, that student will automatically receive a MINIMUM of 15 percentage points off of the total exam grade, and will ONLY be given the remainder of the time from the scheduled start time to finish the exam. Additionally, attempting to take the exam in an unscheduled location or being late to or absent from an exam will result in initiation of a disciplinary tracking form. Any student absent from examinations due to illness or injury must have a written justification from their physician. **Absence from or tardiness to an examination for any other reason must be excused before the time of the scheduled examination by the professor** or brought about by a very serious circumstance. For excused absences only, make-up examinations must be taken no later than one week after the student returns to class. Extended absences must be approved by the Program Director of Physical Therapy.

**Policy on Quiz/Test Question Review:**

1. Quizzes/Tests will be analyzed by faculty to determine validity of questions and accuracy of answers at their earliest convenience.
2. If errors are determined, adjustments will be made before grades are assigned.
3. There will be no discussion on test questions until analysis and grades are assigned.
4. If a student opposes a question's answer, he or she will have 24 hours after posting of grades to provide by email a paper to support the chosen answer. The maximum accepted length of the paper is 1 page (double spaced & font 12). Only references cited in class will be accepted

(textbooks, PowerPoint, &/or articles cited in PowerPoints). An individual time will be scheduled with the student to review the challenged question(s).

5. Student queries prior to the announcement of assigned grades will negate the opportunity to challenge a question.

6. Faculty may elect to discuss the concept of specific questions with a high percentage of missed answers in class. No change in grades will be made based upon class discussion, see #4.

**Cell Phones:** Students must silence cell phones and place them out of sight during class. Permission may be granted, at the instructor's discretion, to have a cell phone out during class. Students seeking permission to have cell phones out during class must do so prior to the start of class. The first offense includes a verbal warning that will be documented in the behavioral tracking sheet. The second offense includes the initiation of a disciplinary tracking form. The third offense will result in the convening of a disciplinary committee to decide upon further disciplinary action.

**Technical Standards:** Enrolled students are expected to complete the academic and clinical requirements of the professional program. Please refer to **Appendix 1 of the latest DPT Program Student Handbook** for the technical standards of being a student physical therapist.

## **Accommodations for Students with Disabilities**

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at [ADA@angelo.edu](mailto:ADA@angelo.edu). For more information about the application process and requirements, visit the [Student Disability Services website](#).<sup>3</sup> The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford  
Director of Student Disability Services  
Office of Student Affairs  
325-942-2047  
[dallas.swafford@angelo.edu](mailto:dallas.swafford@angelo.edu)  
Houston Harte University Center, Room 112



## **Academic Integrity**

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Health and Human Services adheres to the university's [Statement of Academic Integrity](#).<sup>4</sup>

## **Incomplete Grade Policy**

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)<sup>5</sup> for more information.

## **Plagiarism**

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)<sup>6</sup> in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).<sup>7</sup>

## **Student Absence for Observance of Religious Holy Days**

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)<sup>8</sup> for more information.

## **Copyright Policy**

Students officially enrolled in this course should make only one printed copy of the given articles and/or chapters. You are expressly prohibited from distributing or reproducing any portion of course readings in printed or electronic form without written permission from the copyright holders or publishers.

## Syllabus Changes

The faculty member reserves the option to make changes as necessary to this syllabus and the course content. If changes become necessary during this course, the faculty will notify students of such changes by email, course announcements and/or via a discussion board announcement. It is the student's responsibility to look for such communications about the course on a daily basis.

## Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Boone, J.D. You may submit reports in the following manner:

Online: [www.angelo.edu/incident-form](http://www.angelo.edu/incident-form)

Face to face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: [michelle.boone@angelo.edu](mailto:michelle.boone@angelo.edu)

*Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171). For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit: [www.angelo.edu/title-ix](http://www.angelo.edu/title-ix).*

# Course Schedule- Foundations for Systems Review

Schedule/Outline- May change at teacher's discretion

DATE	TOPIC {READ TEXT PRIOR TO CLASS}	Chapter covered	EXAMS, QUIZZES (work alone) Assignments/Activities
THUR. Jan 20 8:00 am	Complete the Pre-course T-TAQ Screening for Referral, Interview Process <i>Introduce Assignment</i>	1 & 2	Read Ch 1 & 2 Simulated Peer Interview
27	8-9 am in classroom - Interprofessional Education (IPE) <b>9:30a m Interview Process</b> <b>Meet at Christian Village EAST,</b> <b>4225 Billie Bolin Dr.</b>	2	<b>Quiz over Ch 1 &amp; 2 (due by 7:00 am, 1% of your grade).</b> Off Campus Senior Screens to fulfill Assignment 1 -Bring Outline Medical Screening
Feb 3	Pain Types & Patterns CSM Feb 4-6	3	
Feb 10	Physical Assessment Hematologic	4 5	<b>Post IPE Assignment</b> by noon in Blackboard under Assignment (10% of the course grade). T-POT rubric. <b>Quiz Ch 3-5 (due 7:00 am, 2%)</b>
17	Cardiovascular Disease Pulmonary Disease Complete the Post-course T-TAQ	6-7	<b>Quiz over Ch 6-7 (due by 7 am, 2% of your grade).</b>
24	<b>EXAM I</b>		<b>EXAM I Over Ch 1-7 ONLY</b> (25% of your grade)
Mar 3	GI, Hepatic,	8-9	
10	GU Disease	10	<b>Quiz over Ch 8-10 (due 7am, 2%)</b>
17	Spring Break		
24	Endocrine & Metabolic Disease	11	<b>Quiz over Ch 11 (due 7 am, 1%)</b>
31	Immunological Disease	12	<b>Quiz over Ch 12 (due 7 am, 1%)</b>
Apr 7	<b>Exam II</b>		<b>EXAM II is comprehensive but emphasizes Ch 8-12 (25%)</b>
14	Screening for Cancer	13	<b>Quiz over Ch 13 (due 7am, 1%)</b>
21	Head, Neck & Spine Sacrum, SI & Pelvis	14-15	<b>Quiz Ch 14-15 (due 7am, 2%)</b>
28	Lower Quadrant Chest, Breast, Ribs	16 17	<b>Quiz Ch 16-17 (due 7 am, 2%)</b>
May 5	Upper Quadrant Screen	18	<b>Quiz Ch 18 (due 7am, 1%)</b>
12	<b>FINAL EXAM</b>		<b>FINAL EXAM comprehensive but emphasis on Ch 13-18 (25%)</b>

# Grading Rubrics

Find grading rubrics utilized in this class on Blackboard.

**Team Performance Observation Tool by TeamSTEPPS (T-POT)**- used to grade IPE Assignment  
**Teamwork Attitudes Questionnaire Pre- & Post- IPE exposure by TeamSTEPPS (T-TAQ)**

## Student Evaluation of Faculty and Course

Students in all programs are given the opportunity to evaluate their courses and the faculty who teach them. Evaluations are most helpful when they are honest, fair, constructive, and pertinent to the class, clinical experience, or course. Faculty value student evaluations, and use student suggestions in making modifications in courses, labs and clinical experiences.

Angelo State University uses the IDEA (Individual Development and Educational Assessment) system administered through Kansas State University for all course evaluations. The Office of Institutional Research and Assessment administers IDEA for the entire university, online and has established a policy whereby students can complete course evaluations free from coercion.

Student Learning Objectives that are Essential or Important for this PT 7232 course are the following:

1. Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)
2. Learning to apply course material (to improve thinking, problem solving, and decisions)
3. Learning to analyze and critically evaluate ideas, arguments, and points of view

### End of Syllabus

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<sup>1</sup> <https://www.angelo.edu/student-handbook/>

<sup>2</sup> <https://www.angelo.edu/catalogs/>

<sup>3</sup> <https://www.angelo.edu/services/disability-services/>

<sup>4</sup> <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

<sup>5</sup> <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

<sup>6</sup> <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

<sup>7</sup> [https://www.angelo.edu/dept/writing\\_center/academic\\_honesty.php](https://www.angelo.edu/dept/writing_center/academic_honesty.php)

<sup>8</sup> <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>

<sup>9</sup> <https://nexusipe-resource-exchange.s3-us-west->

[2.amazonaws.com/Curran%2C%20ICAR%2C%20instrument.pdf?cALJ8Oo9bqog\\_B1E0EZAT0Vchabwukbg](https://nexusipe-resource-exchange.s3-us-west-2.amazonaws.com/Curran%2C%20ICAR%2C%20instrument.pdf?cALJ8Oo9bqog_B1E0EZAT0Vchabwukbg)