

ANGELO STATE UNIVERSITY
Archer College of Health and Human Services
Department of Physical Therapy

PT 7550 Fundamentals of Physical Therapist Examination

Fall Semester
5 credits (4-3-0)

COURSE DESCRIPTION: Course provides student physical therapists with skills necessary to recognize and select tests and measures commonly utilized in the collection of data during the examination of patients/clients referred for physical therapy in the acute care setting and in general health care settings. Appropriate test selection, characteristics of effective performance, data interpretation and documentation in professional formats will be practiced.

COURSE COORDINATOR: Dr. Heather J. Braden, PT, MPT, PhD, GCS
Professor
Office: HHS 242, (325) 942-2581
hbraden@angelo.edu

INSTRUCTORS: Dr. Heather J. Braden, PT, MPT, PhD, GCS

Dr. You-jou Hung, PT, MS, PhD
Associate Professor
Office: HHS 242, (325)-942-2742
you-jou.hung@angelo.edu

Dr. Teresa Huckaby, PT, DPT
Assistant Clinical Professor
Office: HHS 242, (325) 942-2394
teresa.huckaby@angelo.edu

OFFICE HOURS: All are by appointment

COURSE LOCATION: Lecture: HHS 210
Laboratory: HHS 210

MEETING HOURS: Lecture: TTh 8:00-10:00 am
Lab: TTh 10:00-11:30 noon

CLOCK HOURS: 64 Hrs Lecture; 48 Hrs Lab

COURSE PREREQUISITES: Successful completion of previous DPT coursework

COURSE OBJECTIVES: At the end of this course, the students will have demonstrated mastery of the subject by being able to:

1. Describe and administer each test, including manual muscle strength (7D19o), range of motion (7D19s), and basic mobility (7D19m), or measurement tool accurately and with precision. (7D19-20)
2. Identify the definition and purpose of specific tests or measures discussed in class. (7D19)
3. Select appropriate tests and measures based on history and systems review processes. (7D16-20)

4. Describe the types of data that may be generated by selected tests and measures. (7D20-21, 32)
5. Pursue and consider reliability and validity of data generated by tests and measures. (7D20)
6. Correctly interpret data collected to make reliable clinical judgments. (7D20-22)
7. Develop documentation of data in the appropriate professional format. (7D32)
8. Determine and explain test results to peers, patients/clients and other healthcare providers (7D20-22, 32)
9. Display (Demonstrate) generic abilities and professional behaviors. (7D16-22)
10. Discuss and participate in self-assessment and peer assessment activities. (7D16-20)
11. Demonstrate communication of assessment findings to a physical therapy assistant. (7D16-22, 32)
12. Discriminate between venous and arterial wounds using ABI, distal pulses, and girth measurements, wound description, blood flow, and causal relation for wound type. (7D19e, j)
13. Students will discriminate between normal (fluid retention) edema and edema associated with lymphedema, using patient history, palpation and stemmer's sign. (7D19e)
14. Students will relate findings in wound measurement, location, size, history, to wound type and potential treatment options associated with type. (7D19e, j)
15. Complete static/dynamic balance assessment by demonstrating mastery in laboratory settings. (7D19d)
16. Demonstrate in lab the ability to assess joint integrity via passive motion and joint mobility via active motion to indicate presence or severity of an impairment. (7D19k)
17. Assess bed mobility, transfers, and locomotion by demonstrating mastery on practical exam. (7D19m)
18. Demonstrate muscle strength and length assessment in laboratory check off and practical exam. (7D19o)
19. Perform the 6 sections of the neurologic exam identifying the parts and the functions of the nervous system being tested. (7D19d,g,k,l,m,n,p,q,r,t,u)
 - a. mental status
 - b. cranial nerves
 - c. motor exam
 - d. reflexes
 - e. coordination and gait
 - f. sensory exam
20. Examine patient/client and respond effectively, including environmental emergencies, for the current practice setting

TEACHING METHODS/PHILOSOPHY: Instruction will include classroom lecture, case studies, and interaction with peers as the common methods 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 texts will be listed in the course schedule. Additional readings may be posted on Blackboard as necessary. Students are responsible for the reading material and should be able to discuss and contribute to class discussions whenever appropriate.

TENTATIVE SCHEDULE: See attached.

REQUIRED TEXTS:

1. Osbourne, Jacqueline. Documentation for Physical Therapist Practice: A Clinical Decision Making Approach . Burlington, MA: Jones & Bartlett Learning; 2016

2. Norkin CC, White DJ. Measurement of Joint Motion. 5th ed; Philadelphia, PA: FA Davis; 2016
3. Montgomery J., Avers, Brown. Daniels and Worthingham's Muscle Testing. 9th ed: St. Louis, MO: Saunders Elsevier Inc.; 2013.
4. Pierson, FM, Fairchild, SL. Principles & Techniques of Patient Care. 6th ed; St. Louis, MO: Saunders Elsevier Inc.; 2017 (*optional text*)
5. APTA: Guide To Physical Therapy Practice (GTPTP), Version 3.0 online at guidetoptpractice.apta.org.

GRADING/EVALUATIVE PROCEDURES:

Quizzes (5 x 1 point each)	5
Exam I	15
Exam II	15
Exam III [comprehensive]	20
Skills/Practical Exam I	15
Skills/Practical Exam II	15
<u>Documentation Project</u>	<u>15</u>
TOTAL	100 points

Grading criteria to be used in the course: (Minimal passing grade is 80%) Students achieving less than 80% will be referred to the Academic Committee (See Student Handbook for Policy).

Course grades will be assigned based on the cumulative percentage of points earned during the course as follows:

A = 100 – 90 B = 89 – 80 C = 79 – 70 F = 69 or less

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. Progress toward competency in professional knowledge, skills, and behaviors is observed through each student's written submission of the Generic Abilities Assessment by the given deadline this semester. Failure to submit the Generic Abilities Assessment by the due date will result in *academic probation*. Students will not share practical exam information or other testing/quiz details with other DPT students at any time.

ACADEMIC HONESTY:

Academic honesty policies and procedures are reinforced throughout all aspects of the professional program. Faculty and students should familiarize themselves with the Angelo State University Code of Student Conduct found in the ASU Student Handbook available on the ASU website (<http://www.angelo.edu/student-handbook/>). This document, in addition to the information listed below, will be utilized to identify and address academic dishonesty within the program. The Department of Physical Therapy bases student conduct on the APTA Code of Ethics, Guide for Professional Conduct and Standards of Practice (<http://www.apta.org/>) (**Appendix 8**), in addition to Professional Behaviors. Specifically, the Department of Physical Therapy aligns itself with Angelo State University procedures under the Code of Conduct located at <http://www.angelo.edu/student-handbook/code-of-student-conduct/>, and the Community Policies located at <http://www.angelo.edu/student-handbook/community-policies/>. Both of these documents are located in the Angelo State University Student Handbook <http://www.angelo.edu/student-handbook/> and fall under the guidance of the Office of Student Affairs and Enrollment Management. Please see the Dept. of Physical Therapy Student Handbook for further explanation.

Attendance/Tardiness Policy

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 IS MANDATORY. Any unexcused absence from an examination will automatically result in a score of ZERO for that examination. Any student absent from examinations due to illness or injury must have a written justification from their physician. **Absence from an examination for any other reason must be excused before the time of the scheduled examination** 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.

RELIGIOUS HOLY DAYS: Faculty will provide accommodations for student absences for observance of a religious holy day(s) (OP 10.19). Students should make every effort to inform a faculty member at the beginning of the semester regarding these absences.

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.]

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. For more information about the application process and requirements, visit the Student Disability Services website at www.angelo.edu/ADA. 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

Houston Harte University Center, Room 112 When a student states he or she could meet the program's technical standards with accommodation(s), the Office of Student Affairs will confirm that the stated condition qualifies as a disability under applicable laws. If the condition qualifies as a disability, the University will determine if it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review of whether or not the accommodation requested is reasonable, taking into account whether or not the accommodation would jeopardize clinician/patient safety or the educational process of the student or the institution, including all course work, clinical educational experiences and internships deemed essential to graduation. Students are required to read and sign the DPT program's technical standards (DPT Program Student Handbook Appendix I) form and to update their responses on this form if their health status changes.

A student who requires accommodation to meet the technical standards must obtain verification by the Office of Student Affairs that proper reasonable accommodation is available for the student to meet the standard. The program will not provide accommodation without such written verification.

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 **Face to Face:** Mayer Administration Building, Room 210 **Phone:** 325-942-2022 **E-Mail:** 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.

ANGELO STATE UNIVERSITY

College of Health and Human Services
Physical Therapy Program

Fundamentals of Physical Therapist Examination – PT 7550

Schedule/Outline- May change at teacher's discretion

Week	General Topic Area	Assignments
Aug 27 (HB) (Tue)	Intro to Course Class of Function, Disability, Health History, Systems Review Cognition & Attention, Arousal & Behavior	Syllabus GTPTP
MUSCULOSKELETAL SYSTEM		
Aug 29 (HB) (Thur)	Palpation, Jt. Integrity ROM/Flexibility Intro to Goniometry Intro to Strength/MMT	GTPTP N&W Ch 1 D&W Ch 1-2
Sept 3 (HB)	Cervical Spine TMJ, Head & Face	N&W Ch 11, D&W Ch 3 N&W Ch 13, D&W Ch 7
Sept 5 (HB, YH)	Thoracolumbar Spine Posture Body Mechanics & Ergonomics	N&W Ch 12, D&W Ch 4 GTPTP GTPTP
Sept 10 (HB, YH)	**SPINE QUIZ DUE VIA BLACKBOARD 7 am BEFORE CLASS** (11q) Shoulder	N&W Ch 5, D&W Ch 5
Sept 12 (HB, YH)	**SHOULDER QUIZ DUE VIA Bb 7 am BEFORE CLASS** (26 q) Elbow, Forearm	N&W Ch 6, D&W Ch 5

Sept 17 (HB, YH)	Wrist & Hand	N&W Ch 6-7, D&W Ch 5
Sept 19 (YH, HB)	**ELBOW & WRIST/HAND QUIZ DUE on Bb before 7 am** (20 q) Hip Knee	N&W Ch 8, D&W Ch 6 N&W Ch 9
Sept 24 (YH, HB)	**HIP QUIZ DUE VIA Bb 7 am BEFORE CLASS** (17 q) Foot & Ankle	N&W Ch 10, D&W Ch 6
Sept 26 (YH, HB)	**KNEE & ANKLE QUIZ DUE VIA Bb 7 am BEFORE CLASS** (14 q) LE Integration	
Oct 1 (TUES)	Practical Skills Exam #1 (8:00-11:30) in HHS 210	
Oct 3 (HB, YH)	Written Exam #1 HHS 126 Testing Center (8:00 am)	

DOCUMENTATION

Oct 8 (TH)	Documentation – Fundamentals and ICF model IE: Reason for Referral, Activities, Impairments	
Oct 10 (HB)	Terminology for transfer & mobility assist Bed Mobility	GTPTP P&F Ch 8

TPTA Annual Conference in the Woodlands Oct 12-13th

NEUROMUSCULAR SYSTEM

Oct 15 (CM)	Cranial & Peripheral Nerves Sensory Integrity Pain Reflex Integrity	GTPTP GTPTP GTPTP GTPTP
Oct 17 (CM)	Tone Motor Function: Motor Control, Coordination	GTPTP

FUNCTIONAL MOBILITY

Oct 22 (TH)	Documentation – Assessment, Goals, Intervention Plan, Daily notes, Discharge summaries	
Oct 24 (HB)	Transfers	P&F Ch 8
Oct 29 (HB)	Wheelchair Assessment	P&F Ch 7
Oct 31 (HB)	Locomotion, Gait ****Documentation Initial Eval and Daily Note due****	P&F Ch 9
Nov 5 (HB)	Balance, Falls	GTPTP

Nov 7 (HB) Review bed mobility, transfers, w/c assess, gait, balance, falls

Nov 12 (HB, YH) Skills Exam #2 (8:00-11:30 am) in HHS 210

Nov 14 Written Exam #2 (8:00 am) in HHS 126 Testing Center

ADAPTATIONS & ADLS

Nov 19 (HB) Assistive & Adaptive Devices
Mobility w AD GTPTP

Nov 21 (HB) ADL, Self-Care, & Home Management GTPTP

Nov 26 (HB) IADL, Work, Community, Integration GTPTP

Nov 28 (HB) Happy Thanksgiving!

INTEGUMENTARY SYSTEM

Dec 3 (KM) Circulation GTPTP
Integument GTPTP
Edema, Anthropometrics GTPTP
Lymphedema

Dec 5 (YH) Class review and practice regarding ADL adaptations

Dec 10 (Tues) Final Exam (Comprehensive) in HHS 126 Testing Center
*******8:00 am – 10:00 am*******

Guide to Physical Therapist Practice – GTPTP
Norkin and White text – N&W
Daniels and Worthingham text – D&W
Pierson and Fairchild text – P&F