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: VIN 236, (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: VIN 229, (325)-942-2742
you-jou.hung@angelo.edu

Dr. Teresa Huckaby, PT, DPT Assistant Clinical Professor
Office: VIN 232, (325) 942-2394
teresa.huckaby@angelo.edu

Dr. James F. Villers, PT, DPT, FAAOMPT Assistant Clinical Professor
Office: VIN, (325) 942-2547
James.villers@angelo.edu

Dr. Shelly D. Weise, PT, EdD Professor, Dept Chair
Office: VIN 266, (325) 486-6474
shelly.weise@angelo.edu

OFFICE HOURS: All are by appointment

COURSE LOCATION: Lecture: CHP 143
Laboratory: CHP 143

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. Discuss the reliability and validity of data generated by tests and measures (7D20)
6. Correctly interpret data collected to make reliable clinical judgments. (7D20-22)
7. Demonstrate 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. Describe a basic understanding of the lymphatic system and lymphedema assessment including classification and staging. (7D19e)

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

GRADING/EVALUATIVE PROCEDURES:

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (5 x 1 point each)</td>
<td>5</td>
</tr>
<tr>
<td>Exam I</td>
<td>15</td>
</tr>
<tr>
<td>Exam II</td>
<td>15</td>
</tr>
<tr>
<td>Exam III [comprehensive]</td>
<td>20</td>
</tr>
<tr>
<td>Skills/Practical Exam I</td>
<td>15</td>
</tr>
<tr>
<td>Skills/Practical Exam II</td>
<td>15</td>
</tr>
<tr>
<td>Documentation Project</td>
<td>15</td>
</tr>
<tr>
<td>TOTAL</td>
<td>100</td>
</tr>
</tbody>
</table>

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.

HONOR CODE STATEMENT

Our students believe that ASU students should maintain complete honesty and integrity in their academic pursuits.

The Honor Code at ASU describes expected academic behavior of both faculty and students, and it consists of an agreement between the student and the academic community to foster academic integrity, to value student educational goals, and to maintain the positive academic reputation of ASU. Angelo State University expects all students and faculty to engage in all academic pursuits in a manner that is above reproach and to maintain complete honesty and integrity in the academic experiences both in and out of the classroom.

ASU students and faculty will not participate or condone
- Plagiarism
- Cheating
- Fabrication of data
- Misrepresentation of information
- Misuse of library materials
- Misuse of technology
- Conspiring with others to commit these acts

ASU students are responsible for understanding the Honor Code as well as the individual academic requirements and stipulations for each course. This includes carefully reading the Angelo State University Student Handbook and reading the syllabus of each course. Students should ask for clarification of any ambiguous aspect of the syllabus.

To facilitate this code of ethical conduct, ASU has an Academic Integrity Committee, a committee composed of both students and faculty, which has the responsibility of reviewing cases of suspected academic dishonesty, which may be brought to it. The committee’s membership of students and faculty reinforces ASU’s commitment to academic integrity in and out of the classroom.

STUDENTS WITH DISABILITIES

University Statement on 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 Act of 2008 (ADAAA), and subsequent legislation.

Student Affairs is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student’s responsibility to initiate such a request by emailing ADA@angelo.edu, or by contacting:

Mrs. Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
University Center, Suite 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.

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.

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
e. [Additional points or consequences]

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.

**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

<table>
<thead>
<tr>
<th>Week</th>
<th>General Topic Area</th>
<th>Assignments</th>
</tr>
</thead>
</table>
| Aug 29 (HB) (Tue) | Intro to Course, Technical Standards  
Class of Function, Disability, Health  
Communication | Syllabus  
GTPTP |
| Aug 31 (HB) (Thur) | History, Systems Review  
Cognition & Attention  
Arousal & Behavior | GTPTP |

**MUSCULOSKELETAL SYSTEM**

<table>
<thead>
<tr>
<th>Week</th>
<th>General Topic Area</th>
<th>Assignments</th>
</tr>
</thead>
</table>
| Sept 5 (HB) | Palpation, Jt. Integrity  
ROM/Flexibility  
Intro to Goniometry  
Intro to Strength/MMT | GTPTP  
N&W Ch 1  
D&W Ch 1-2 |
| Sept 7 (HB, YH) | Cervical Spine  
TMJ, Head & Face | N&W Ch 11, D&W Ch 3  
N&W Ch 13, D&W Ch 7 |
| Sept 12 (HB, YH) | Thoracolumbar Spine  
Posture  
Body Mechanics & Ergonomics | N&W Ch 12, D&W Ch 4  
GTPTP  
GTPTP |
| Sept 14 (HB, YH) | **SPINE QUIZ DUE VIA BLACKBOARD (Bb) 7 am BEFORE CLASS** (11q)  
Shoulder, Elbow, Forearm | N&W Ch 5-6, D&W Ch 5 |
| Sept 19 (HB, YH) | **SHOULDER QUIZ DUE VIA Bb 7 am BEFORE CLASS*** (26 q)  
Wrist & Hand | N&W Ch 6-7, D&W Ch 5 |
| Sept 21 (YH, HB) | **ELBOW & WRIST/HAND QUIZ DUE VIA Bb 7 am BEFORE CLASS** (20 q)  
Hip  
Knee | N&W Ch 8, D&W Ch 6  
N&W Ch 9 |
| Sept 26 (YH, HB) | **HIP QUIZ DUE VIA Bb7 am BEFORE CLASS** (17 q)  
Foot & Ankle | N&W Ch 10, D&W Ch 6 |
| Sept 28 (YH, HB) | **KNEE & ANKLE QUIZ DUE VIA Bb 7 am BEFORE CLASS** (14 q)  
LE Integration | |
| Oct 3 (SW) | Aerobic Capacity & Endurance | |
Oct 6 (FRIDAY)  Written Exam #1 (8:15-10:15 am) in the Testing Center (VIN 291)

Oct 10 (HB, YH)  Practical Skills Exam #1 (8:00-11:30) in CHP 143

**DOCUMENTATION**

Oct 12 (TH)  Documentation – Fundamentals and ICF model


Daily notes, Discharge summaries

**NEUROMUSCULAR SYSTEM**

Oct 19 (CM)  Cranial & Peripheral Nerves GTPTP
Sensory Integrity GTPTP
Pain GTPTP
Reflex Integrity GTPTP

Oct 24 (CM)  Tone GTPTP
Motor Function: Motor Control, Coordination

Oct 24 (TH)  ****Documentation Initial Eval and Daily Note due**********

**OCTOBER 26-29 TPTA no class 2017**

**INTEGUMENTARY SYSTEM**

Oct 31 (KM)  Circulation GTPTP
Integument GTPTP
Edema, Anthropometrics GTPTP
Lymphedema GTPTP

**FUNCTIONAL MOBILITY**

Nov 2 (HB)  Introducing FIM scale GTPTP
Bed Mobility & Transfers P&F Ch 8

Nov 7 (HB)  Transfers P&F Ch 8
Wheelchair Assessment P& F Ch 7

Nov 9 (HB)  Locomotion, Gait GTPTP
Balance, Falls P&F Ch 9

Nov 14 (HB, YH)  Skills Exam #2 (8:00-11:30 am) in CHP 143

Nov 17 (FRIDAY)  Written Exam #2 in VIN 291 (8:15-10:15 am)
**ADAPTATIONS & ADLS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 21 (HB)</td>
<td>Assistive &amp; Adaptive Devices GTTPP</td>
</tr>
<tr>
<td>Nov 23</td>
<td>Happy Thanksgiving!</td>
</tr>
<tr>
<td>Nov 27-29</td>
<td>CAPTE Self-Study Site Visit</td>
</tr>
<tr>
<td>Nov 28 (HB)</td>
<td>Self Care/Home Management GTTPP</td>
</tr>
<tr>
<td></td>
<td>ADL, IADL, Work, Community, Integration</td>
</tr>
<tr>
<td>Nov 30 (YH)</td>
<td>Eric Mclarty- WTRC – Orthotics &amp; Prosthetics Examination</td>
</tr>
</tbody>
</table>

**CARDIOPULMONARY SYSTEM**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec 5 (SW)</td>
<td>Ventilation &amp; Respiration</td>
</tr>
<tr>
<td>Dec 7</td>
<td>Q &amp; A Day</td>
</tr>
<tr>
<td>Dec 11 (Mon)</td>
<td>Final Exam (Comprehensive) in Testing Center (VIN 291)</td>
</tr>
<tr>
<td></td>
<td>Note the day &amp; time: 10:00-12:00 noon</td>
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Guide to Physical Therapist Practice – GTTPP  
Norkin and White text – N&W  
Daniels and Worthingham text – D&W  
Pierson and Fairchild text – P&F