

PT 7344

Evidence Based Practice Seminar III

Spring 2022



Course Coordinators:

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Course Information

Course Description

This course is designed for students to focus on evidence-based practice and clinical research following the neuromuscular rehabilitation practicum. The initial focus is to develop competency in critical thinking, problem solving and best practice recommendations for the patients through integration of their own clinical experiences and presentation of peer experiences. The second focus is on completing and presenting the capstone research project in this culminating course of evidence-based practice.

Course Credits

3 credits (3-0-0)

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 the course.

Course Objectives

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

1. Evaluate and compare “best” and “in the field” practice patterns for the environment of neuromuscular rehabilitation. (7D9, 7D40)
2. Evaluate individualized professional growth for the environment of neuromuscular rehabilitation and develop a plan for continued growth. (7D10)
3. Demonstrate proficiency in PT licensure examination. (7D5)
4. Participate in an assessment of strengths and weaknesses in the curricular content of the program. (7D5)
5. Use research evidence and demonstrate critical thinking, problem solving and clinical decision making skills for evidence-based PT practice. (7D8, 7D9, 7D10, 7D11)
6. Disseminate research information in a timely fashion. (7D9, 7D40)
7. Demonstrate the ability to report and discuss the results of a clinical research project. (7D12)
8. Demonstrate the ability to successfully defense for capstone research project. (7D10, 7D11)
9. Assemble a research manuscript for publication in scientific peer-reviewed journal, poster presentation or oral report. (7D12)

Course Delivery

This is a hybrid course (online and face-to-face) with learning resources and supplemental materials posted in Blackboard.

Required Texts and Materials

N/A

Recommended Texts and Materials

1. Leslie G. Portney. Foundations of Clinical Research: Applications to Evidence-Based Practice, 4th ed.
2. Guide to Physical Therapist Practice 3.0

Topic Outline

NPTE review

PT workshop

Capstone research project

DPT Student Research Day

Communication

Faculty will respond to email 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.

Grading

Evaluation and Grades

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

Assessment	% of Total Grade
Class participation	15%
Assignment- Oncology rehabilitation	10%
Assignment- Exercise and diabetes	10%
Assignment- CP3 debriefing	5%
Presentation slideshow to research advisor (Due by May 8 th)	10%
Presentation rehearsal	15%
Professional presentation- oral defense for capstone research project	35%

Assessment	% of Total Grade
Total	100%

Grading System

The final course grade will be assigned based on the cumulative percentage of points earned throughout the course:

A = 90%-100%

B = 80%-89%

Students must score 80% or better in total (A or B grade) in order to meet mastery and receive credit for this course. Students who receive a failing course grade are subject to dismissal from the DPT program. Exceptions may be sought by petition of the Academic Committee of the Physical Therapy Program.

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

The due dates, rubrics, and instruction for the assignments are posted on the blackboard.

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. If a technology issue does occur regarding an assignment submission, email me at floyd.huang@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

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](#)¹
- [Angelo State University Catalog](#)²

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 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.

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](#).³

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. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁴ 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

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](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ 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](#).⁷

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](#)⁸ 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

Face to face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: 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.

Course Schedule ****THIS SCHEDULE MAY BE SUBJECT TO CHANGE****

Date/Time	Topics
April 18, Mon / 8 am – 12 pm Collaborate	Research and biophysical agents review (Dr. Huang)
April 19, Tue / 9 am – 12 pm Collaborate	Wound care review (Dr. Moore)
Apr 20, Wed / 9 am – 12 pm Collaborate	Cardiopulmonary PT review (Dr. Weise)
Apr 21, Thu / 8 am – 12 pm Collaborate	Musculoskeletal PT review (M/S Faculty)
Apr 22, Fri / 9 am – 12 pm Collaborate	Motor control and its clinical applications (Dr. Hung)
Apr 27-28, Wed-Thu No Class	NPTE
May 2, Mon / 8 am – 12 pm Collaborate	Capstone Research Project (Dr. Huang)
May 3, Tue/ 8 am – 12 pm Collaborate	Oncology Rehabilitation (Dr. VanHoose)
May 4, Wed / 8 am – 12 pm Collaborate	Oncology Rehabilitation (Dr. VanHoose)
May 5, Thu / 8 am – 12 pm Collaborate	Vestibular Rehabilitation (Dr. Lin)
May 9, Mon / 8 am – 12 pm HHS 130	Exercise and Diabetes (Dr. Huang)
May 9, Mon / 1 pm – 5 pm HHS 210	Capstone Research Project (Research Advisor)
May 10, Tue/ 8 am – 12 pm HHS 130	Exercise and Diabetes (Dr. Huang)
May 10, Tue/ 1 pm – 5 pm HHS 210	Capstone Research Project (Research Advisor)
May 11, Wed / 8 am – 1 pm HHS 216/203	Oral Defense Rehearsal (Dr. Huang and Dr. Hung)
May 12, Thu / 12:30 pm – 6 pm MCS 100	DPT Student Research Day - Oral Defense (DPT Faculty)

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.

End of Syllabus

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

² <https://www.angelo.edu/catalogs/>

³ <https://www.angelo.edu/student-handbook/community-policies/academic-integrity.php>

⁴ <https://www.angelo.edu/services/disability-services/>

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

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

⁷ https://www.angelo.edu/dept/writing_center/academic_honesty.php

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