



North Central State College

MASTER SYLLABUS

2025-2026

- A. Academic Division: Health Sciences
- B. Discipline: Physical Therapist Assistant
- C. Course Number and Title: PHTA2170 Professional Research
- D. Assistant Dean: Heidi Kreglow, PT
- E. Credit Hours: 2
- F. Prerequisites: PHTA2110, PHTA2115
Co-requisite(s): PHTA2070, PHTA2090 (M)
- G. Last Course/Curriculum Revision Date: Spring 2025 Origin date: 11/22/2010
- H. Textbook(s) Title:
PTA Exam Review & Study Guide
 - Author: Ryan, Karen
 - Copyright Year: 2019
 - Edition: 6th
 - ISBN #: 9780990416296
- I. Workbook(s) and/or Lab Manual: None
- J. Course Description: This is a research course which will allow the PTA student to learn to perform evidence-based research to gain further understanding in a particular area as well as to complete a research project and present the material to classmates. This class is graded Pass (P) or No-Pass (NP).
- K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	Communication – Written VALUE Rubric, research project/poster
Communication – Speech	Communication – Speech VALUE Rubric, research project/poster presentation
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L. Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Define components of a research project.	Research project by the end of week 1
2. Define types of research.	Research project by the end of week 2
3. Demonstrate ability to set up a research project by completing an abstract with a small group of peers.	Written assignment due per date on schedule, by the end of week 3
4. Develop oral presentation of research project to educate peers.	Presentation performed on assigned date during the semester, by the end of week 4
5. Construct poster presentation of research project to educate peers.	Organize presentation material in poster format presented on assigned date, by the end of week 5
6. Present oral and poster presentation of research project at a level appropriate for peer understanding.	Presentation performed on assigned date, by the end of week 6
7. Describe scales of measurements	Research project completed and presented on assigned date, by the end of week 7
8. Utilize proper measurement scale in research project.	Research project completed and presented on assigned date.
9. Examine data collected from research process to arrive at a generalized conclusion.	Research project completed and presented on assigned date.
10. Demonstrate the ability to work with peers.	Performed throughout semester during research project.
11. Recognize the importance of research as it applies to meeting the needs of patients and the profession of physical therapy.	Research project completed and presented on assigned date.
12. Compare current treatment modalities to evidenced based practice by analyzing current research	Research project completed and presented on assigned date.

M. Recommended Grading Scale:

This course is Pass (P) or Non-Pass (NP).

*Performance Indicators as identified in Clinical Performance Instrument used for clinical outcomes assessment

N. College Procedures/Policies:

North Central State College believes that every student is a valued and equal member of the community.* Every student brings different experiences to the College, and all are important in enriching academic life and developing greater understanding and appreciation of one another. Therefore, NC State College creates an inclusive culture in which students feel comfortable sharing their experiences.

Discrimination and prejudice have no place on the campus, and the College takes any complaint in this regard seriously. Students encountering aspects of the instruction that result in barriers to their sense of being included and respected should contact the instructor, assistant dean, or dean without fear of reprisal.

* *Inclusive of race, color, religion, gender, gender identity or expression, national origin (ancestry), military status (past, present or future), disability, age (40 years or older), status as a parent during pregnancy and immediately after the birth of a child, status as a parent of a young child, status as a foster parent, genetic information, or sexual orientation*

Important information regarding College Procedures and Policies can be found on the syllabus supplement located at

<https://ncstatecollege.edu/documents/President/PoliciesProcedures/PolicyManual/Final%20PDFs/14-081b.pdf>



North Central State College
SYLLABUS ADDENDUM

Academic Division:	Health Sciences	Discipline:	PTA
Course Coordinator:	Laura Testrake, PT, DPT		
Course Number:	PHTA 2170	Course Title:	Professional Research
Semester / Session:	Fall 2025 / Session B	Start / End Date:	October 13, 2025 – December 12, 2025

Instructor Information

Name:	Laura Testrake	Credentials:	PT, DPT
Phone Number:	330-353-2303	E-Mail Address:	ltetrake@ncstatecollege.edu
Office Location:	HS 142	Office Hours:	T/R 9-10, 11:40-12, 2:30-4 or by appointment

I. Topical Timeline / Course Calendar (Subject to Change):

WEEK	TOPIC	READINGS
1 (10/15)	Intro to research Research design	Week 1:Therapy ed pages 484-488
2 (10/22)	EBP Levels of evidence	Therapy ed 489-490
3 (10/29)	Case Studies Randomized Controlled Trials	
4 (11/5)	Systematic Review Quasi	
5 (11/12)	Final project working session	
6 (11/19)	Board content review, study plans, PEAT schedule	Therapy Ed intro pages 1-17
7 (11/26)	Final project working session	
8 (12/3)	Final Project Presentations	
	FINALS WEEK	

II. Grading and Testing Guidelines:

Lecture

- Lecture participation and presentations worth 40% of course grade
- 1 research project worth 60% of course grade

III. Grading and Testing Guidelines:

This is a lecture course which requires a passing grade of 77%. Students falling below 77% will have failed to meet the requirements to continue in the PTA program.

V. Class Attendance and Homework Make-Up Policy:

The PTA program is a series of sequential courses developed to build from one class session and course to the next. It is imperative that the student attend all class and laboratory sessions based on the progressive sequence and amount of educational material to be presented in six semesters. All instructors will maintain attendance records and will follow college attendance guidelines and policies.

Course Number: PHTA 2170
Semester / Session: Fall 2025 session B

Course Title: Professional Research
Start / End Date: October 13, 2025 – December 12, 2025

It will be the responsibility of the student to obtain lecture notes. Any student missing two or more classes will be required to meet with the Program Director. Students have a primary responsibility for notifying their instructors about anticipated or planned absences.

VI. Classroom Expectations:

Students are expected to attend every lecture and listen attentively and interact and behave in a professional manor conducive to learning. If a student is found to be disrupting a class session he/or she may be asked to leave the classroom upon the discretion of the instructor and then be required to meet with the Program Director discuss professional behavior and expectations. Class and lab participation is expected and will be considered for 10% of the overall course grade.

PHTA 2170 Professional Research
Fall Semester 2025
Lecture: Live zoom W 10-11:40

WEEK	TOPIC	READINGS
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