

The University of Texas at Tyler
Master of Occupational Therapy Program
OCTH 5315 – Research & Knowledge Translation in Occupational Therapy
Spring 2026

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Course Description: Access, critique, and incorporate evidence into practice with the goal of improving client outcomes. Evaluate current research evidence and apply evidence to practice decisions. Focus on critically appraised topics based on community practice stakeholder PICO questions.

Credits: 3

2023 Standards and Course Objectives:

- B.5.0 Evidenced based practice
- B.5.1 Evidence synthesis/professional literature and scholarly activities
- B.5.2 Scholarly study
- B.5.3 Quantitative and qualitative Methods
- B.5.4 Ethical policies and procedures for research

1. Evaluate, critique, and apply critical analysis to published research.
2. Demonstrate understanding of the ethical policies and procedures for human-subject research.
3. Demonstrate understanding of quantitative methods for data analysis, including basic descriptive, correlational, and inferential statistics.
4. Write a quantitative research proposal to address a PICO question, to include the following sections: Introduction; Research Question and Research Aims; Summary of published research on the topic; Description of participants; Instruments used for measurement; Data analysis plan; and Ethical considerations.
5. Apply foundational knowledge, previous professional experiences and new academic learning to fieldwork and community engagements to meet the needs of clients in various contexts and cultures reflecting ethical practice.

Connection to the MOT Curriculum

Inquiry, Evidence and Knowledge Translation

This course focuses on research as it applies to evidence-based practice and knowledge translation. This course focuses on inquiry and synthesis of existing evidence to enable informed occupational therapy practice decisions. Building upon foundational knowledge and skills, the

students will apply skills to evaluate, critique, and critically analyze evidence and propose new evidence based on stakeholder input.

Grading

Assignments	60%
Quizzes	10%
Exams	30%

Specific Content Areas

Research evidence

Survey of research designs

Sampling

Research proposal development

Statistics

Research ethics

Role and responsibility of research in evidence-based practice

Grading Policies

Written assignments are graded on content, style, clarity, conciseness, and comprehensiveness. Written assignments are expected to reflect the guidelines in the Publication Manual of the American Psychology Association (APA) 6th edition. Some of the required assignments in this course may be checked for plagiarism using Turnitin or other plagiarism software.

Class preparation: All students are expected to complete assigned readings and review online materials before taking quizzes and/or attending software.

Late assignments: Assignments are due on the date indicated in the syllabus. No late work will be accepted prior arrangement with the instructor and may still be subject to penalty.

Grading Scale

A = 90-100% total points

B = 80-89% total points

C = 70-79% total points

D = 60-69% total points

F = less than 60% total points

Date of Final Exam: n/a

Date to withdraw without penalty: TBA

Attendance Policy: Since on campus meetings are limited to scheduled weekends, no opportunity exists for makeup work. Laboratory activities cannot be made up, and no points can be given for missed classes. In event of excused absence, there will be no penalty for the absence, but the student is solely responsible for obtaining information missed.

UNIVERSITY POLICIES

UT Tyler Honor Code

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

Students Rights and Responsibilities

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php>

Campus Carry

We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php>

UT Tyler a Tobacco-Free University

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quit lines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

Grade Replacement/Forgiveness and Census Date Policies

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Fall, the Census Date is Sept. 12.) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract. The Census Date (Sept. 12th) is the deadline for many forms and enrollment actions of which students need to be aware.

These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid.

State-Mandated Course Drop Policy

1. "Cheating" includes, but is not limited to:
 - Copying from another student's test paper,

- using, during a test, materials not authorized by the person giving the test;
 - failure to comply with instructions given by the person administering the test;
 - possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
 - using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
 - collaborating with or seeking aid from another student during a test or other assignment without authority;
 - discussing the contents of an examination with another student who will take the examination;
 - divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
 - substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
 - paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
 - falsifying research data, laboratory reports, and/or other academic work offered for credit;
 - taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
 - misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.
2. “Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another’s work and the submission of it as one’s own academic work offered for credit.
 3. “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
 4. All written work that is submitted will be subject to review by plagiarism software.

UT Tyler Resources for Students

- UT Tyler Writing Center (903-565-5995), writingcenter@uttyler.edu
- UT Tyler Tutoring Center (903-656-5964), tutoring@uttyler.edu

- The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center (903-566-7254)

ACOTE Standards

Assessment Measures

1. Assignment
2. Lab Test
3. Objective Test
4. Essay Test
5. Project
6. Presentation
7. Demonstration
8. Alternative Assessment

ACOTE 2023 Standard		Syllabus Objective Number	Assessment Measure Number
B.5.1. B.5.2	<ul style="list-style-type: none"> • Critique quantitative and qualitative research in order to analyze and evaluate scholarly activities, which contribute to the development of a body of knowledge. This includes the: <ul style="list-style-type: none"> ○ Level of evidence ○ Validity of research studies ○ Strength of the methodology ○ Relevance to the profession of occupational therapy. • Locate, select, analyze, and evaluate scholarly literature to make evidence-based decisions. • Participate in scholarly activities that align with current research priorities and advances knowledge translation, professional practice, service delivery, or professional issues (e.g., Scholarship of Integration, Scholarship of Application, Scholarship of Teaching and Learning). <p>This may include a literature review that requires analysis and synthesis of data. Systematic reviews that require analysis and synthesis of data meet the requirement for this Standard. A research project is not required for this Standard, and narrative reviews do not meet this Standard.</p>	1,4	1,3

B.5.3	Demonstrate an understanding and use of quantitative and qualitative methods for data analysis to include: <ul style="list-style-type: none"> • Basic descriptive, correlational, and inferential quantitative statistics. • Analysis and synthesis of qualitative data. 	3,4	1,3
B.5.4	Demonstrate an understanding of the ethical policies and procedures for human-subject research, educational research, or research related to population health.	2	1,3