

Faculty Research MINI-COURSE

FALL 2023



PURPOSE: The purpose of the **Faculty Research Mini-Course** is to promote faculty engagement with ongoing action research focused on improving teaching and learning at Midland College

MINI-COURSE PARTICIPANT OUTCOMES

- Learn **best practices** for higher education teaching and learning research.
- Explore and analyze **existing research** to identify critical components to the research process.
- Identify **areas of research interest** based on student and instructor needs.
- Develop plan to **collect relevant data** to improve instruction.
- Engage in **peer-reviews of research plans** created by other faculty participants.

MINI-COURSE STRUCTURE, FORMAT, & EXPECTATIONS

- Participation in this mini-course counts for up to **8 hours** of professional development.
- This mini-course will include **three (3) virtual meetings** via Zoom. The schedule is below.
- Some content will be presented in the **live sessions**. Other content will be available **asynchronously online**.
- Faculty participants are expected to **review and apply the content** presented in the mini-course.
- Faculty participants should **attend and fully engage** in all mini-course sessions and content.
- Faculty participants will be expected to **complete the following deliverables**:
 1. **Development of research plan** that highlights the mechanism the instructor can follow to collect relevant data in their courses. Both a draft and final research plan will be due.
 2. **Peer-review** of at least two other faculty participant's research plans.
- Faculty participants should **keep an open mind**, strive to improve their practices, offer relevant insight when needed, and ask questions when they get stuck or need clarification.

MINI-COURSE SCHEDULE

All mini-course sessions will take place virtually via Zoom.

DATE	TIME	SESSION TOPICS	DELIVERABLES
Session 1: Wednesday, Sept. 20	12:30-2pm	<ul style="list-style-type: none">• Research overview: terms, types of studies, research questions and hypotheses• Example study analyses• Process for data collection• Activity: Brainstorm topics of interest	
Session 2: Wednesday, Sept. 27	12:30-2pm	<ul style="list-style-type: none">• Activity: Sharing research article analysis (provide prompts/template for sharing)• Research ethics and the role of Institutional Review Boards (IRBs)• Process for data collection (continued)• Organizing and analyzing data	✓ Draft Research Plan: Part 1 (template provided)
Session 3: Wednesday, Oct. 11	12:30-2pm	<ul style="list-style-type: none">• Activity: Share research plans• Organizing and analyzing data (continued)• Scaling up your research, publication, and experiments	✓ Final Research Plan (template provided) ✓ Peer review of colleague's research plan

Faculty Research **MINI-COURSE**

FALL 2023 REGISTRATION FORM

The purpose of the **Faculty Research Mini-Course** is to promote faculty engagement with ongoing action research focused on improving teaching and learning at Midland College. All mini-course sessions are held virtually via Zoom.

REGISTRATION DEADLINE: WEDNESDAY, SEPTEMBER 13

SESSION DATE	TIME	SESSION TOPICS	DELIVERABLES
Session 1: Wednesday, Sept. 20	12:30-2pm	<ul style="list-style-type: none">▪ Research overview: terms, types of studies, research questions and hypotheses▪ Example study analyses▪ Process for data collection▪ Activity: Brainstorm topics of interest	
Session 2: Wednesday, Sept. 27	12:30-2pm	<ul style="list-style-type: none">▪ Activity: Sharing research article analysis (provide prompts/template for sharing)▪ Research ethics and the role of Institutional Review Boards (IRBs)▪ Process for data collection (continued)▪ Organizing and analyzing data	<ul style="list-style-type: none">▪ Analysis of teaching and learning research article (article provided)
Session 3: Wednesday, Oct. 11	12:30-2pm	<ul style="list-style-type: none">▪ Activity: Share research plans▪ Organizing and analyzing data (continued)▪ Scaling up your research, publication, and experiments	<ul style="list-style-type: none">▪ Research plan (template provided)▪ Peer review of colleague's research plan

Complete the information below and submit to tinyurl.com/TLC-F23

PARTICIPANT INFORMATION

NAME: _____

DISCIPLINE: _____

EMAIL: _____

POSITION: ☐ Full-time faculty ☐ Adjunct Faculty

By signing below, I acknowledge the time commitment necessary to participate in this mini-course.

Participant
Signature: _____ Date: _____

By signing below, I acknowledge and support the time commitment necessary for the above named to participate in this mini-course.

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Signature: _____ Date: _____