ENV 261 – Mixed Methods for Environmental Studies
WEEKLY CALENDAR – Autumn 2022 – Sept 14 update

General format for most weeks will be to cover textbook material on Tuesday, lab on Wednesday, and then discuss scientific articles or additional readings on Thursday. Please plan your weekly reading accordingly.

- Readings for a specific class/lab are identified by (For Thursday) or similar.
- *****Readings designated with a series of asterisks will be the topic of detailed class discussion/activities and should be read closely.
- Assignment due dates are highlighted.

This printed list is provided as a convenience only. Please refer to D2L during the quarter for up-to-date information, deadlines, etc.

SEPT 7, 8 – Intro to Course
First day of class stuff during Wednesday lab time; Thursday lecture

Required reading: (all passed out first day of class & posted to D2L)
- Syllabus
- Weekly Calendar

Recommended reading: A good overview and quick reference for mixed methods research and a hint of what will be covered in this class.

SEPT 13, 14, 15 – Intro to Mixed Methods (MM) Research
Tuesday lecture; Wednesday lab (MM Documentaries Lab); Thursday lecture

Required reading:
- Tashakkori et al. 2020 Chapter 2 (read closely)
SEPT 20, 21, 22 – Paradigms
Tuesday lecture; Wednesday lab (Literature Review Lab); Thursday discussion (Scientific Article Discussion # 1)

Required reading:

- ******(Tuesday) Chapter 3 from Tashakkori et al.2020 – Read the following sections closely: “A Review of Philosophical Issues Relevant to Paradigms” and “Contemporary Points of View Regarding the Use of Paradigms”; skim remainder of chapter.
- ******(For Thursday - Scientific Article Discussion # 1) Taşakkori et al. 2020 Chapter 5, pp. 189-205 (read closely beginning p. 194) – There are some helpful terms and concepts in this and chapter 7 for your Research Design assignment; some of these are summarized in the bullet points on the Research Design Worksheet.

Optional reading: A great guide to conducting systematic literature reviews

Documentaries Lab due Friday, September 23, 11:59 pm

SEPT 27, 28, 29 – Mixed Methods Research Design
Tuesday lecture; Wednesday lab (Research Design Assignment overview & worksheet time); Thursday discussion (Scientific Article Discussion # 2)

Required reading:

- Tashakkori et al. 2020 Chapter 5
- Tashakkori et al. 2020 Chapter 7, pp. 189-205 (read closely beginning p. 194) – There are some helpful terms and concepts in this and chapter 7 for your Research Design assignment; some of these are summarized in the bullet points on the Research Design Worksheet.

Optional reading:

Literature Review Lab due Friday, September 30, 11:59 pm
OCT 4, 5, 6 – Causation, Sampling, & Observation
Tuesday lecture; Wednesday lab (Observation Lab); Thursday discussion (Scientific Article Discussion # 3)

Required reading:
- Tashakkori et al. 2020 Chapter 6 – There are some helpful terms and concepts in this and chapter 7 for your Research Design assignment; some of these are summarized in the bullet points on the Research Design Worksheet.
- Tashakkori et al. 2020 Chapter 8, pp. 207-219 (skim)

Optional reading:

Observations Lab due Friday, October 7, 11:59 pm
Paradigms Essay due Friday, October 7, 11:59 pm

OCT 11, 12, 13 – Survey Design & Administration
Tuesday lecture; Wednesday lab (Survey Design Lab); Thursday lecture

Required reading:
- Finish/go back and read Tashakkori et al. 2020 Chapter 6 if you haven’t yet
- Tashakkori et al. 2020 Chapter 8, pp. 226-233

Research Design Worksheets due Friday, October 14, 11:59 pm

OCT 18, 19, 20 – Analysis of Mixed Methods Data (esp. Surveys)
Tuesday lecture; Wednesday lab (Survey Analysis Lab); Thursday discussion (Scientific Article Discussion # 4)

Required reading:
- Tashakkori et al. 2020 Chapter 9 (skip pp. 248-254, focus on pp. 255-285, skim remainder)
  ◦ Article Discussion # 4 Responses due – uploaded to D2L before class time

**Survey Design Lab (Worksheet) due Friday, October 21, 11:59 pm**

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**OCT 25, 26, 27 – Interviews & Ethics of Research**
Tuesday lecture (guest/TA: Kristine Lorenzo); Wednesday lab (Interview Conduct Lab); Thursday lecture

**Required reading:**

**Optional, recommended reading:**
□ Tashakkori et al. 2020 Chapter 7, p.181-189

**Survey Analysis Lab (Methods & Results) due Friday, October 28, 11:59 pm**

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**NOV 1, 2, 3 – Qualitative Data Analysis**
Tuesday lecture; Wednesday lab (Qualitative Interview Analysis Lab); Thursday discussion (Scientific Article Discussion # 5)

**Interview Transcript due WEDNESDAY, Nov 2, 8:00 am BEFORE CLASS so that I have time to print these for the QUAL analysis activity.**

**Required reading:**
  ◦ Article Discussion # 5 Responses due – uploaded to D2L before class time

**Optional, recommended reading:**
☐ Tashakkori et al. (2020) Ch. 9 (QUAL sections, pp. 248-254), which provides an overview of QUAL data analysis useful in MM

**CITI Training (upload Completion Report) due Friday, Nov 4, 11:59 pm**
**IRB Protocol Draft due Friday, Nov 4, 11:59 pm**

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**NOV 8, 9, 10 – MM Research in Action & Synthesis**
Tuesday lecture; Wednesday lab (Research Design work time); Thursday lecture

**Required reading:**
☐ Tashakkori et al. 2020 Chapters 10 & 11 (skim)

**Optional, advanced reading:**

**Qualitative Interview Analysis Lab due Friday, November 11, 11:59 pm**

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**NOV 15 – Wrap-Up**
Tuesday lecture (last day of class) – *No required reading*

**Finals Week – No formal class meeting during Finals Week**
*Research Design due FIRST DAY of Finals Week, WEDNESDAY, Nov 16, 2022, 11:59 pm*