University of Manitoba
Faculty of Education

EDUA 7830 (A03) Engaging with Research in Education (CRN 65108)
EDUA 5800 (A02) Introduction to Educational Research (CRN 65661)

3 credit hours

Course Outline - January to April 2026

Tariff free !!

Time:	Tuesdays 5:30-8:15 p.m. Tuesday January 6, 2026 to Tuesday April 7, 2026 (inclusive)
Room:	360 Education
Office Hours:	Tuesdays 3:30 to 5:30 or by appointment

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Course Overview:

EDUA 7830 (A03) Engaging with Research in Education. This research course is intended to prepare graduate students to locate and critically read various genres of empirical research studies in the field of education. Students will identify and consider the quality of key elements of published empirical studies including: theoretical and conceptual frameworks, literature review, research methodology and methods, findings, significance, and limitations. Not to be held with EDUA 5801.

EDUA 5800 (A02) Introduction to Educational Research. A study of scientific inquiry in the field of education. Research and statistical methods are surveyed within the context of educational research. Particularly recommended for students interested in the evaluation and application of research findings. Not to be held with EDUA 5801.

Because the scope of the course is quite broad, it will not be possible to cover all of the research methods in current use. Nevertheless, by the end of the course, you should have a good awareness of the more commonly used procedures (both quantitative and qualitative) that may be applied to different types of research studies and the guidelines to selecting appropriate research methods. Thus, you should be better able to plan and carry out your own research and evaluate the research conducted by others.

More specifically, this course is intended for educators less familiar with the breadth of educational research techniques. The course has the following purposes:

- to acquaint students with nature of disciplined inquiry in education
- to assist students in reading and evaluating the different sections of a research report
- to help students to distinguish between well-done and poorly done research
- to familiarize students with the various ways that research can take place in educational settings
- to give students the opportunity to perform various aspects of conducting research

Required Texts:

Olt, P. A. (Ed.). (2025). Understanding and doing research in education & the social sciences. FHSU Digital Press. https://fhsu.pressbooks.pub/socialresearch/

Perry, F.L. & Nichols, J.D. (2015). Understanding research in education: Becoming a discerning consumer. Routledge.

NOTE: Both of the above books are available online (for free) at the U of M library (https://umanitoba.ca/libraries/). Within the library webpage, copy/paste the book title, which will allow you access to the assigned chapters. You may either read each chapter online, or download the pdf version of the chapter to your computer/device.

Suggested Text:

American Psychological Association. (2020). Publication manual of the American Psychological Association (7th ed.). https://doi.org/10.1037/0000165-000

Evaluation:

The major course requirements (and weights) are as follows:

Class Assignments 100%

There will be 6 assignments with each assignment given every 2-3 weeks (see lesson schedule). Some of these assignments will be done individually, while others will be completed in groups. The first 5 assignments are each worth 15% (5 x 15% = 75%). The final assignment (#6) is worth 25%.

Given that we will cover a significant amount each week, submitting assignments, and especially the final critique on time is crucial. Therefore, unless you have given me a compelling reason for handing in a late assignment, I will subtract 3% from the maximum percentage for each day the written work is late. For example, if an assignment is submitted 2 days late, and the original grade converts to 12/15, then the revised grade would be 6/15.

Lesson Schedule

Tue. Jan. 6	Introduction to the Course	
Tue. Jan. 13	**What is research?** Chap. 1 (P & N)	
Tue. Jan. 20	**Research Process** Chap. 5 (Olt)	Assign 1 due: Critique of popular media articles
Tue. Jan. 27	**Parts of a Research Article** Chap. 3 (P & N)	
Tue. Feb. 3	**Locating Research** Chap. 2 (P & N)	
Tue. Feb. 10	**Ethics in Research** U of M - Ethics Guidelines	Assign 2 due: Method section
Tue. Feb. 17	***NO CLASS - Winter term break*	
Tue. Feb. 24	**Research Designs** Chap. 5 (P & N)	Assign 3 due: Ethical issues
Tue. Mar. 3	**Sampling** Chap. 4 (P & N)	
Tue. Mar. 10	**Quantitative Methods & Analysis 1** Chap. 6, 7, 8 (Olt)	Assign 4 due: Research dimensions
Tue. Mar. 17	**Quantitative Methods & Analysis 2** Chap. 6, 7, 8 (Olt)	
Tue. Mar. 24	**Qualitative Methods & Analysis 1** Chap. 9, 10, 11 (Olt)	Assign 5 due: Interpreting quantitative research
Tue. Mar. 31	**Qualitative Methods & Analysis 2** Chap. 9, 10, 11 (Olt)	
Tue. Apr. 7	**Discussion and Conclusions** Chap. 8 (P & N) - **final class**	
Mon Apr. 14		Assign 6 due: Collecting qualitative data and interpretation

Expectations

Students are expected to attend all classes and submit assignments by the due dates. If you require any modification to insure your full participation in this course, please talk to me as soon as possible. Given that the material in this course is covered at a fairly rapid rate, missing even a single class can make the process of keeping up with the material and completing the assignment(s) much more difficult, especially when group members are depending on one another. You can expect to receive grades/feedback on each assignment and the take-home exam within 2 weeks after submission.

University policies. The University of Manitoba requires that I point out a number of policies and regulations regarding attendance and withdrawal, academic integrity, and appeals of grades. You will find these explained in the General Academic Regulations section of the 2025-26 General Calendar (https://umanitoba.ca/registrar/academic-calendar). Also, please see the University Policies and Procedures section for policies regarding the responsibilities of academic staff with regard to students.

Grading

Letter grades will be assigned according to the Faculty of Education grading conversion scheme. A passing grade in this course is C+, as per the requirements of the Faculty of Graduate Studies.

Letter Grade	Grade Point	Level of Achievement	Percentage Range
A+	4.5	W0W!!	95+
A	4	Excellent	90-94
B+	3.5	Very Good	85-89
B	3	Good	80-84
C+	2.5	Satisfactory	75-79
C	2	Adequate	70-74
D	1	Marginal	60-69
F	0	Failure	Below 60

Course Technology

Students are welcome to use technology (e.g., cellphones, laptops, etc.) during class if the technology is used for relevant educational purposes within this course. Unless a student must either send or respond immediately to an urgent personal message (email, text, or phone), I ask that students refrain from using technology during class for purposes that are not relevant to this course.

The use of Generative AI is prohibited in this course as per the requirements of Faculty of Graduate Studies.

Class Communication

The University requires all students to activate an official University email account. Please note that all communication between myself and you as a student must comply with the Electronic Communication with Students Policy. You are required to obtain and use your U of M email account for all communication between yourself and the university. For full details, please visit (https://umanitoba.ca/governance/sites/governance/files/2021-06/Electronic%20Communication%20with%20Students%20Policy%20-%202013_09_01%20RF.pdf).

Recording Class Meetings

The University of Manitoba and I hold copyright over the course materials, presentations and lectures which form part of this course. No audio or video recording of lectures or presentations is allowed in any format, openly or surreptitiously, in whole or in part without my permission. Course materials (both paper and digital) are for the participant's private study and research.

Schedule A - UM Policies and Learner Supports for Students

Schedule A of the Responsibilities of Academic Staff with regards to Students (ROASS) policies of the University of Manitoba lists resources and policies for students. It is important that you familiarize yourself with these policies and supports, some of which are listed below…

- Academic Integrity
- Grade appeals
- Voluntary Withdrawal (March 19 2026)
- Academic Learning Centre
- Health and Wellness
- Student Accessibility Services

The link to Schedule A is posted on my webpage www.robertrenaud.ca.

In addition, a great central resource for students is the University of Manitoba - "Everything you need to thrive" website - https://umanitoba.ca/student-supports