



Doctorate of Education in Distance Education (EDDE) 802

Advanced Research in Education (Revision 3)

Status:

Replaced with new revision, see the [course listing](#) for the current revision ✕

Delivery mode:

Paced study . Delivered via Brightspace.

Credits:

3

Area of study:

Distance Education

Prerequisites:

None

Precluded:

None

Faculty: Faculty of Humanities and Social Sciences [↗](#)

Notes: Only students admitted into the doctoral program may take this course.

Overview

EDDE 802, (the second course in the doctoral program), will equip you with the knowledge and skills required to successfully carry out doctoral research. This course provides an overview of educational research methods with special emphasis on the emerging and innovative methods of educational research, as well as the unique aspects of distance education research.

Throughout the course, you will engage in a combination of online conference sessions, group work, and independent study. Assessment is based on your active participation, presentations and completion of assignments that demonstrate your understanding and application of research concepts.

The course content introduces the philosophical foundations of educational research and explores a range of methods in educational research including approaches to data collection and analysis. We will elaborate on the methods and processes in educational research as applicable in distance education.

Outline

EDDE 802 is presented in five units over thirteen weeks. In these units we discuss the range of issues in planning distance education research. Each unit is designed to answer important questions students usually have about the research process, in a manner that relates these questions to the course content.

- Unit 1: The Context of Educational Research;
- Unit 2: Ethics and Planning Educational Research;
- Unit 3: Research Methods
- Unit 4: Strategies for Data Collection; and
- Unit 5: Strategies for Data Analysis.

Objectives

The overarching goal of this course is to provide knowledge and skills related to research inquiry through a focus on quantitative, qualitative and mixed methods research, strategies of inquiry used in published qualitative and quantitative research and active application. The course is geared toward broadening an advanced understanding of research approaches in ways that can be explored through diverse models of research design and methodology. Special emphasis is given to the emerging and mixed method approaches to educational research and exposure to various computer mediated tools (e.g., synchronous and asynchronous tools for communication, repository and databases, tools and technologies for data collection and analysis, etc.) available for research in distance education.

Evaluation

Activity	Weight
Assignment 1: Research Ethics	10%
Assignment 2: Research Article Critiques	20%
Assignment 3: Mapping Methodological Choices and Peer Review	20%
Assignment 4: Preliminary Research Proposal	40%
Assignment 5: Reflection on Knowledge Building Experiences	10%
Total	100%

Materials

Physical course materials

The following course materials are included in a course package that will be shipped to your home prior to your course's start date:

Cohen, L., Manion, L., & Morrison, K. (2017). *Research methods in education*, 8th edition. New York: Routledge.

Important links

› [Course schedule](#) 

Athabasca University reserves the right to amend course outlines occasionally and without notice. Courses offered by other delivery modes may vary from their individualized study counterparts.

Updated October 9, 2026

View [previous revision](#) 
