



Doctorate of Education in Distance Education (EDDE) 802

Advanced Research in Education (Revision 2)

Status:

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

Delivery mode:

Grouped study . Delivered via Brightspace.

Credits:

3

Area of study:

Distance Education

Prerequisites:

None

Precluded:

None

Faculty:

Faculty of Humanities and Social Sciences 

Notes:

Availability: Winter Only

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 is intended to provide you with an overview of educational research methods with special emphasis on the new and emerging methods of educational research and the unique aspects of distance education research.

The EDDE 802 course includes online conferencing, group and independent study. Assessment is based on contribution to course web sites, presentations and the assignments.

The course content provides an overview of educational research, its philosophical groundings and the different components and methods in educational research including methods of data collection and analysis. We will elaborate on the methods and processes in educational research as applicable in distance education.

This Moodle delivered course will be enhanced with emails, telephone, the Athabasca Landing, Adobe Connect, and other internet based technologies (e.g. Skype) in order to deliver the course and provide support to students.

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: Collaborative Group Project - Article 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. (2011). *Research methods in education*, 7th edition. New York: RoutledgeFalmer.

Important links

› [Course schedule](#) 

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

Updated October 24, 2025

View [previous revision](#) 
