

Fundamentals of scientific research

Math250....

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Office hours: see the office hours schedule at the door of my Office

Text: 1) An introduction Educational research. Sixth Edition. Gall D. Meredith.
Borg, R. Walter. Gall P. Joyce. 1996

2) Fundamental for Scientific research. First edition. Munthir Althamin. 2006

Course Objective: This is an undergraduate course, students at this level should grasp the basic ideas and method of doing research. this course will mostly focus on achieving the following objectives:

1. Understanding the nature of educational research.
2. Characteristics of research and its approach.
3. Objectives of research.
4. Indction in doing research., deductive reasoning, inductive reasoning.
5. Developing and planning a research proposal
6. Knowing the ethical, legal, and Human relations issues in Educational research.
7. Students should know to use different method of collecting data; with test and self report, questionnaire and interviews, observation and content analysis.
8. Students should be able to search, select and review related literatures.

What is expected from students?

Students should and will be able to understand the basics of doing a research.

Students will choose topics or problems for their search or research.

Students will present their proposal and research in a ten minutes presentation.

A one comprehensive exam students will go through at the end of the semester.

Grading: Students final grade will be decided based on two major things. 1) the quality of their research. 2) their performance in the final exam.

Welcome letter: I just like to welcome all of my students. I am eager to meet with all of you . I encourage you to have a fresh start, be active , open minded and set your goal and work hard to achieve then. Remember success depends totally on your hard and quality of your work. I wish a happy start and successful end.

I look forward to seeing you learn and grow in this class

Sincerely

Muad Shiyyab
Doctor of mathematics education