EDUC 615: PRINCIPLES OF EDUCATIONAL RESEARCH (3)  
3 hours lecture/discussion per week.

This course provides foundational knowledge about the principles of educational research in order to prepare students to conduct independent, disciplined inquiry and applied research in education.

2. Mode of Instruction.

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<tr>
<th>Lecture</th>
<th>Units</th>
<th>Hours per Unit</th>
<th>Benchmark Enrollment</th>
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<tr>
<td></td>
<td>3</td>
<td>1</td>
<td>25</td>
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3. Justification and Learning Objectives for the Course. (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) [Use as much space as necessary]

This graduate level course is required for all students pursuing a Master Degree in Education. The course provides foundational knowledge about the principles of educational research in order to prepare students to conduct independent, disciplined inquiry and applied research in education.

Students who successfully complete this course will be able to:

1. Demonstrate knowledge of the rationale, problems, and ethical considerations of disciplined inquiry and applied research in education.
2. Read, analyze, and synthesize educational research literature from a variety of sources.
3. Demonstrate knowledge of the specific methodologies used in educational research.
4. Demonstrate skills in designing an independent, applied research project.

4. Is this a General Education Course

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<tr>
<th>YES</th>
<th>NO</th>
<th>X</th>
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If Yes, indicate GE category:

- A (English Language, Communication, Critical Thinking)
- B (Life Sciences)
- C (Fine Arts, Literature, Languages & Cultures)
- D (Social Perspectives)
- E (Human Psychological and Physiological Perspectives)

5. Course Content in Outline Form. [Be as brief as possible, but use as much space as necessary]

Introduction to Education Research
   - Rationale for Education Research
   - Overview of Research Processes and Products
   - Overview of Research Problems and Methods
   - Ethical Considerations

Research Problems, Participants, and Instrumentation
   - Problem Statements and Literature Searches and Reviews
Participant Procedures
Instrumentation Procedures

Methods and Results for Quantitative Studies
  Design Procedures for Experimental Research
  Design Procedures for Descriptive Research
  Statistical Data Analyses and Results

Methods and Results for Qualitative Studies
  Design Procedures for Observing and Interviewing Participants
  Design Procedures for Document Analysis
  Data Analyses and Results

Synthesis and Presentation of Research Problems, Methods, and Results
  Identification of Research Problem, Literature Review, and Methodology
  Completion of Human Subjects Proposal
  Presentation of Research Proposal and Implications for Practice

6. References. [Provide 3 - 5 references on which this course is based and/or support it.]


7. List Faculty Qualified to Teach This Course.

Joan Karp, Maria Denney, and other Education faculty

8. Frequency.
   a. Projected semesters to be offered: Fall _____ Spring _____ Summer ___

9. New Resources Required.
   a. Computer (data processing), audio visual, broadcasting needs, other equipment
      Software: SPSS, Atlas TI
   b. Library needs
   c. Facility/space needs

10. Consultation.
    Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

   Maria Denney and Joan Karp          October 30, 2003
   Proposer of Course                  Date

Approvals
NEWCRSFR 9/30/02