Course Syllabus

Department: Educational Studies, Leadership & Counseling

Course Number:  EDU 649  Credit Hours:  3

I. TITLE:  EDU 649 Research in Education

II. CATALOG DESCRIPTION:
The course is a follow-up to ADM 630, Methods of Research. The course includes an exploration of elementary statistics as they apply to the completion of an action research project which was proposed and begun in ADM 630. The action research project is to be completed during this course, and presented during a research colloquium.

III. PURPOSE:
The purpose of the course is for the students to complete an action research project under the guidance of a professor and present their findings during a research colloquium. The research skills developed in this experience provide the framework for teachers to articulate research questions, gather data, reflect on that data, and make learning decisions for their schools and classrooms on the basis of the information.

IV. COURSE OBJECTIVES:
The behaviors indicated below are understood to be reflective of, but not limited to those behaviors advocated by the Kentucky Education Reform Act guidelines. Following each objective, and enclosed in parentheses, are numbers that reference the Kentucky Experienced Teacher Standards.

1. To plan and to conduct meaningful research using historical, descriptive, causal-comparative, correlational, or experimental designs. (1,6,7)

2. To complete a written presentation of their research which is in format (using APA style) suitable for presentation or publication by a professional organization. (1)

3. To present and to defend their work using their knowledge of scientific methods, known theories, and previous research. (1,9)

4. To review and discuss the ethics of research in preparation for development of a proposal for an IRB. (6)

EPSB Themes: Diversity and Assessment are addressed through action research projects.

V. CONTENT OUTLINE:
The content of the course includes the application of research methodology, the analysis of data, drawing inferences from data, and the presentation of the research and its implications so that it will be meaningful to others.
VI. INSTRUCTIONAL ACTIVITIES:
These include field experiences applying research methods, individual consultation with the instructor, presentations and discussions within the class group.

VII. FIELD AND CLINICAL EXPERIENCES:
These include field experiences (mostly in the school settings) applying research methodology; clinical experiences constructing an understanding of the research, defending, and evaluating research.

VIII. RESOURCES:
field settings in the public schools, libraries, Internet, software for statistical analysis

IX. GRADING PROCEDURES:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Research Report</td>
<td>100</td>
</tr>
<tr>
<td>(which documents research procedures)</td>
<td></td>
</tr>
<tr>
<td>Oral Presentation</td>
<td>35</td>
</tr>
<tr>
<td>Participation/Attendance</td>
<td>15</td>
</tr>
<tr>
<td>(group &amp; individual sessions)</td>
<td></td>
</tr>
<tr>
<td>&amp; adherence to timelines</td>
<td></td>
</tr>
</tbody>
</table>

150 Total Possible Points

A = 135 - 150
B = 120 - 134
C = 105 - 119
D = 90 - 104

X. ATTENDANCE POLICY:
This course adheres to the attendance policy stated in the Murray State University Graduate Bulletin.

XI. ACADEMIC HONESTY POLICY:
Cheating, plagiarism (submitting another person’s materials as one’s own), or doing work for another person which will receive academic credit are all impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, or term papers, or the presentation of unacknowledged materials as if it were the student’s own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty member who teaches the course in which the cheating took place.

XII. RECOMMENDED TEXTS:

XIII. PRE-REQUISITES:
ADM 630, Methods of Research or equivalent