Description: Research Methods in Education

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
<th>Campus</th>
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<tr>
<td>FET</td>
<td>8801</td>
<td>62524</td>
<td>1, 2007</td>
<td>EXT</td>
<td>1.00</td>
<td>Toowoomba</td>
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Academic group: FOEDU
Academic org: FOE003
Student contribution band: National Priority Teaching
ASCED code: 070303

STAFFING
Examiner: Patrick Danaher
Moderator: Barry Fields

OTHER REQUISITES
State law in Queensland (Australia) requires that all adults working/undertaking professional experience/researching with children under the age of 18, in the state of Queensland are required to possess a current suitability card (Blue Card). (See "Other Requirements" for further information.) Also see: http://www.childcomm.qld.gov.au/employment/bluecard/informationSheets.html

RATIONALE
The expectation that educators should be able to apply the findings of current and recent rigorous and systematic research studies to the formation of educational policy and practice requires that such professionals should have a sound understanding of the principles and practices of research design and methodology. Further, those who are to be involved in any of the various approaches to research in education must be cognisant of appropriate procedures for effective, efficient and equitable research programs. This course is intended to provide those involved in education with the basic competencies to generate, analyse, and evaluate research programs through the development of an understanding of the characteristics and components of educational research.

SYNOPSIS
This course will expose students to the basic philosophy and practice of educational research. It is intended as an introductory course in research methods in education with particular attention given to developing an understanding of the major approaches to research in education, basic research design and procedures, and research evaluation.

OBJECTIVES
The course objectives define the student learning outcomes for a course. The assessment item(s) that may be used to assess student achievement of an objective are shown in parenthesis. Upon the completion of this course, it is intended that students will be able to:
1. understand the principles underlying educational research (Essay)
2. describe appropriate steps in conducting educational research (Essay)
3. develop a viewpoint about links between research and researcher identity (Essay)
4. choose and/or develop a research method appropriate to a particular problem or question/s (Proposal)
5. select appropriate techniques for data collection (Proposal)
6. identify appropriate procedures for the analysis of data (Proposal)
7. design ethically appropriate research activities. (Proposal)

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Principles of educational research</td>
<td>20.00</td>
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<tr>
<td>2. Steps in conducting research</td>
<td>20.00</td>
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<tr>
<td>3. Types of research methods</td>
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<tr>
<td>4. Data collection techniques</td>
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<td>5. Data analysis</td>
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TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at http://bookshop.usq.edu.au click 'Semester', then enter your 'Course Code' (no spaces).


REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.


STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>Assessment</td>
<td>60.00</td>
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<tr>
<td>Directed Study</td>
<td>60.00</td>
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<tr>
<td>Private Study</td>
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ASSESSMENT DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
<th>Due date</th>
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<tbody>
<tr>
<td>PHILOSOPHICAL ESSAY</td>
<td>50.00</td>
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<tr>
<td>RESEARCH PROPOSAL</td>
<td>50.00</td>
<td>50.00</td>
<td>15 Jun 2007</td>
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IMPORTANT ASSESSMENT INFORMATION

1 Attendance requirements:
   There are no attendance requirements for this course. However, it is the students’ responsibility to study all material provided to them, or required to be accessed by them, to maximise their chances of meeting the objectives of the course and to be informed of course-related activities and administration. This course contains a discussion forum where students and lecturers can interact. Where students have access to the forum, they are advised to participate.

2 Requirements for students to complete each assessment item satisfactorily:
   To satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks available for each assessment item.

3 Penalties for late submission of required work:
   In this course, if students are more than two weeks late with the submission of any assessment task, they are required to contact the course examiner, who may, at his/her discretion, grant a further extension.

4 Requirements for student to be awarded a passing grade in the course:
   To be assured of receiving a passing grade a student must complete and submit all of the summative assessment items and achieve at least 50% of the total weighted marks available for the course.

5 Method used to combine assessment results to attain final grade:
   The final grade for students will be assigned on the basis of the weighted aggregate of the grades obtained for each of the summative assessment items in the course.

6 Examination information:
   There is no examination in this course.

7 Examination period when Deferred/Supplementary examinations will be held:
   There is no examination in this course.

8 University Regulations:
   Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL http://www.usq.edu.au/corporateservices/calendar/part5.htm or in the current USQ Handbook.

ASSESSMENT NOTES

1 Marking criteria for the two assignments are provided in the course material.

2 Students must retain a copy of each item submitted for assessment. This must be produced if required by the examiner.

3 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the examiner.
4 The Faculty will NOT accept submission of assignments by facsimile.
5 Letter grades will be used for summative assessment items in this course

OTHER REQUIREMENTS
1 The Philosophical Essay and the Research Proposal necessitate a literature review that will require students to be able to access libraries or online articles/books.
2 NB: This course may not be suitable for the TRANSACE concept.
3 IMPORTANT NOTE: Working with Children: State law in Queensland requires that all adults (including university students, pre-service educators, trainers, vocational teachers, industry educators) working with children under the age of 18, in the state of Queensland*, obtain approval before commencing such work. Many education courses include a practical component (professional experience, project work, research, assessment etc..) that may require engagement with children under the age of 18. It is your responsibility to ensure that you possess a current suitability card (Blue Card) before commencing any practical components of this course. DO NOT PARTICIPATE IN ANY PRACTICAL EXPERIENCE WITH CHILDREN UNDER 18 UNLESS YOU POSSESS A CURRENT 'BLUE CARD'. For further information: http://www.childcomm.qld.gov.au/employment/bluecard/informationSheets.html. *If you are undertaking practical experience outside the state of Queensland, Australia you should check local requirements.
4 IMPORTANT NOTE: You are not required to collect data for the assessment requirements for this course. Moreover, you may NOT collect data for your project or dissertation unless you are doing so under the supervision of your supervisor and, if such data gathering involves human participants, unless you have the prior written approval to do so from the Faculty of Education Ethics Reference Group.