Description: Computer Based Resources 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>
</tr>
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<tr>
<td>EDU</td>
<td>5471</td>
<td>41116</td>
<td>1, 2005</td>
<td>WEB</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: Petrea Redmond
Moderator: Peter Albion

RATIONALE
As Information Communication Technologies (ICTs) pervade our society there is a growing need for educational personal to have contemporary skills and knowledge in the use of, evaluation and management of, a range of ICT resources. Current widespread community expectations that education will provide students with the necessary attitudes, knowledge and skills to apply the new ICTs for personal, academic and professional purposes, brings with it new challenges for all teachers.

SYNOPSIS
Students will have opportunities to develop and extend existing knowledge in the use of ICTs within an educational setting. Emphasis will be placed upon planning for the integration of ICT resources to enhance teaching and learning. Students will become familiar with methods for the evaluation, selection, acquisition and deployment of ICT resources. Current development in ICTs and their implications for education will be considered, together with approaches to the design and implementation of ongoing professional development in the educational use of ICTs.

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 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.
OBJECTIVES

On successful completion of this course students will be able to:

1. identify and describe the functions of common components of computer systems with particular reference to systems for educational computing;
2. discuss the implications of local and global computer networking for educational practice
3. locate, retrieve and publish materials using appropriate Internet technologies
4. discuss the advantages and disadvantages associated with different approaches to the location of computers in educational settings
5. compare and contrast different approaches to instructional software
6. evaluate the suitability of hardware and software configurations for application in a range of educational contexts
7. evaluate and review educational software using methods and styles appropriate for use in schools and for publication in professional journals
8. propose and justify approaches to the effective management of ICT resources in educational settings
9. discuss the avenues available for professional development in the educational use of ICTs
10. prepare effective plans and materials for personal and collegial development in educational ICTs
11. demonstrate knowledge, understanding and application of appropriate communication skills.

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Computer systems for education</td>
<td>20.00</td>
</tr>
<tr>
<td>2. Software tools for teachers and students</td>
<td>25.00</td>
</tr>
<tr>
<td>3. Networking and communications</td>
<td>25.00</td>
</tr>
<tr>
<td>4. Managing ICT resources</td>
<td>15.00</td>
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<tr>
<td>5. Professional ICT growth</td>
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TEXT and MATERIALS required to be PURCHASED or ACCESSSED

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>
</tr>
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<tbody>
<tr>
<td>Assessment</td>
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<tr>
<td>Directed Study</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>ASSIGNMENT 1</td>
<td>40.00</td>
<td>40.00</td>
<td>01 Mar 2005 (see note 1)</td>
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<tr>
<td>ASSIGNMENT 2</td>
<td>60.00</td>
<td>60.00</td>
<td>01 Mar 2005</td>
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</tbody>
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NOTES
1. The examiner will advise the due dates for all assessment items.

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 chance of meeting the objectives of the course and to be informed of course-related activities and administration.

2. Requirements for students to complete each assessment item satisfactorily:
   To complete each of the assessment items satisfactorily, students must obtain at least 50% of the marks available for each assessment item.

3. Penalties for late submission of required work:
   If students submit assignments after the due date without prior approval then a penalty of 5% of the total marks available for the assignment will apply for each working day late.

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

5. Method used to combine assessment results to attain final grade:
   The final grades for students will be assigned on the basis of the weighted aggregate of the marks 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 will be no Deferred or Supplementary examinations 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. 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.

2. Students must retain a copy of each item submitted for assessment. This must be produced within twenty-four (24) hours of receipt of request being made by the
examiner. The student must retain this copy until the grade for this course has been finalised.

3 The examiner may grant an extension of the due date of an assignment in extenuating circumstances.

OTHER REQUIREMENTS

1 Students are to regularly participate in online discussions.
2 Students enrolling in WEB courses MUST have ongoing convenient and reliable access to the Internet in order to access course materials and participate in activities that will affect assessment. The levels of equipment required may change from time to time, with the most recent specification listed at http://www.usq.edu.au/currentstudents/computingstandards/default.htm. You can check whether your computer system meets these requirements from USQAssist (http://usqassist.usq.edu.au/).
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