Description: Information Communication Technology for Educators

Subject       Cat-nbr       Class       Term       Mode       Units       Campus
EDU            3473          62521       1, 2007     ONC         1.00        Toowoomba

Academic group:                      FOEDU
Academic org:                         FOE003
Student contribution band:            National Priority Teaching
ASCED code:                           070303

STAFFING
Examiner: Petrea Redmond
Moderator: Peter Albion

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
Information and communication technologies (ICT) are significant to the conduct of education at all levels. On the one hand ICT appears to have potential to improve the outcomes of teaching and learning, and on the other hand there is widespread community expectation that education will provide students with the necessary knowledge and skills to apply the new ICTs for personal and vocational purposes. Beginning teachers need to possess skills in the use of ICT for their personal and professional use together with the ability to plan for effective ICT integration in the classroom.

SYNOPSIS
Students will have opportunities to reinforce and extend existing skills in the use of ICTs, especially as they apply to teaching and learning in classrooms. Emphasis will be placed upon planning for the integration of ICT into the curriculum using appropriate pedagogical approaches. Topics will include consideration of key policy documents relevant to computing, applications of computers for specific curriculum needs and trends and issues in educational use of computers. Students will be introduced to a variety of relevant computer-based resources including software and internet resources and to methods for the evaluation and selection of such resources for classroom use. Students' progress in the course will be enhanced if they have experience in curriculum planning and have successfully completed professional experience. This course is suitable for early childhood, primary and secondary educators. Intending students should be aware that they will require regular access to ICT resources, including email and the internet.
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. On completion of this course students will be able to:

1. demonstrate familiarity with curriculum and policy documents relevant to application of ICT in Queensland education (Unit of work)
2. demonstrate personal and teaching skills in the use of a range of software (Portfolio 1, Portfolio 2, Unit of work)
3. locate, retrieve and publish materials using appropriate internet technologies (Portfolio 1, Portfolio 2, Unit of work)
4. evaluate and select appropriate software and internet resources for classroom use (Unit of work and Portfolio 1)
5. describe and discuss ways in which ICT can support teaching and lifelong learning (Unit of work)
6. participate appropriately in a range of electronic forums (Portfolio 1, Portfolio 2)
7. describe how ICTs can be used to promote student-centred learning (Unit of work)
8. plan effectively for educational use of ICT resources including common software and the World Wide Web (Unit of work)
9. create a transdisciplinary outcomes-based unit of work that makes effective use of an authentic task and where ICT is integral to the learning process (Unit of work)
10. model and discuss legal and ethical ICT use including compliance with copyright laws (Unit of work and Portfolio 1)
11. participate in and reflect on online collaborative learning experiences (Portfolio 1)
12. demonstrate knowledge, understanding and application of appropriate personal, professional and academic literacies. (Portfolio 1, Portfolio 2, and unit of work)

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Background to educational use of ICT, relevant policies and guidelines</td>
<td>10.00</td>
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<tr>
<td>2. ICTs for education: hardware components and operating systems, software tools for teachers and students</td>
<td>15.00</td>
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<tr>
<td>3. Teaching with ICTs: planning for curriculum integration of computers, instructional principles, and classroom management</td>
<td>55.00</td>
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<td>4. Networking and communications: internet as educational resource</td>
<td>10.00</td>
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<tr>
<td>5. Trends and issues in educational use of ICT, developments in technology, equity issues, and ethical considerations</td>
<td>10.00</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).

There are no prescribed texts in this course.

**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>Directed Study</td>
<td>133.00</td>
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<tr>
<td>Lectures</td>
<td>16.00</td>
</tr>
<tr>
<td>Tutorials</td>
<td>16.00</td>
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</tbody>
</table>
### ASSESSMENT DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
<th>Due date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PORTFOLIO 1</td>
<td>30.00</td>
<td>30.00</td>
<td>13 Apr 2007 (see note 1)</td>
</tr>
<tr>
<td>PORTFOLIO 2</td>
<td>20.00</td>
<td>20.00</td>
<td>04 May 2007</td>
</tr>
<tr>
<td>UNIT OF WORK</td>
<td>50.00</td>
<td>50.00</td>
<td>08 Jun 2007</td>
</tr>
</tbody>
</table>

**NOTES**

1. These are continuous pieces of assessment. The portfolios will be developed over the semester, with items required to be handed in during tutorials on a weekly basis.

### IMPORTANT ASSESSMENT INFORMATION

1. **Attendance requirements:**
   - It is the students’ responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and 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 satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks available.

3. **Penalties for late submission of required work:**
   - If students submit assignments after the due date without prior approval of the examiner 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 complete and submit all of the summative assessment items and achieve at least 50% of the total weighted marks for the course.

5. **Method used to combine assessment results to attain final grade:**
   - The final grades for students will be assigned on the basis of the aggregate of the weighted 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:**
   - As there are no examinations in this course, there will be no Deferred or Supplementary examinations.

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.html 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 may be required to provide a copy of assignments submitted for assessment purposes. Such copies should be dispatched to the USQ within 24 hours of receipt of a request to do so.

3. In accordance with the University's assignment extension policy (Regulation 5.6.1), the examiner may grant an extension of the due date of an assignment in extenuating circumstances.

4. The Faculty will normally only accept assessments that have been written, typed or printed on paper-based media. The Faculty will NOT accept submission of assignments by facsimile. Students who do not have regular access to postal services or who are otherwise disadvantaged by these regulations may be given special consideration. They should contact the examiner of the course to negotiate such special arrangements.

5. Students who have undertaken all of the required assessments in a course but who have failed to meet some of the specified objectives of a course within the normally prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). An IM grade will only be awarded when, in the opinion of the examiner, a student will be able to achieve the remaining objectives of the course after a period of non-directed personal study.

6. Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or to sit for an examination at the scheduled time may apply to defer an assessment in a course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded IDS (Incomplete - Deferred Examination); IDM (Incomplete - Deferred Make-up); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).

7. When there is more than one marker for a single item of assessment, the distributed patterns and means for the different markers will be compared and marks adjusted if necessary.

8. Marking criteria are provided in course material as mark sheets/guides or as part of assignment specifications.

9. In the event that a due date for an assignment falls on a local public holiday in their area, the due date for the assignment will be the next day. Students are to note on the assignment cover the date of the public holiday for the Examiner's convenience.

OTHER REQUIREMENTS

1. Students can expect that questions in assessment items in this course may draw upon knowledge and skills that they can reasonably be expected to have acquired before enrolling in the course. This includes knowledge contained in pre-requisite courses and appropriate communication, information literacy, analytical, critical thinking, problem solving or numeracy skills. Students who do not possess such knowledge and skills should not expect to achieve the same grades as those students who do possess them.

2. Students are to use a recognised referencing system as specified by the examiner.

3. 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.html. You can check

CRICOS: QLD 00244B | NSW 02225M
whether your computer system meets these requirements from USQAssist
(http://usqassist.usq.edu.au/)

4  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:
are undertaking practical experience outside the State of Queensland, Australia you should
check local requirements.