Description: Information Communication Technology for Educators

<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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<tbody>
<tr>
<td>EDU</td>
<td>3473</td>
<td>40674</td>
<td>1, 2005</td>
<td>ONC</td>
<td>1.00</td>
<td>Wide Bay</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

Information and communication technologies (ICT) are becoming increasingly 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. 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.

OBJECTIVES

Upon successful 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
2. demonstrate personal and teaching skills in file management, word processing, spreadsheeting and presentation software
3. locate, retrieve and publish materials using appropriate internet technologies
4. evaluate and select appropriate software and internet resources for classroom use
5. describe and discuss ways in which ICT can support teaching and lifelong learning
6. participate appropriately in a range of electronic forums
7. describe how ICTs can be used to promote student-centred learning
8. plan effectively for educational use of ICT resources including common software and the World Wide Web;
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
10. model and discuss legal and ethical ICT use including compliance with copyright laws
11. demonstrate knowledge, understanding and application of appropriate personal, professional and academic literacies.

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
</tr>
</thead>
<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>
</tr>
<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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<tr>
<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>
</tr>
<tr>
<td>Lectures</td>
<td>16.00</td>
</tr>
<tr>
<td>Tutorials</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>
</tr>
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<tbody>
<tr>
<td>PORTFOLIO 1</td>
<td>999.00</td>
<td>30.00</td>
<td>29 Apr 2005</td>
</tr>
<tr>
<td>PORTFOLIO 2</td>
<td>999.00</td>
<td>20.00</td>
<td>27 May 2005</td>
</tr>
<tr>
<td>UNIT OF WORK</td>
<td>999.00</td>
<td>50.00</td>
<td>27 May 2005</td>
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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 workshops, online discussions, 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 complete each of the assessment items satisfactorily, students must obtain at least
   50% of the marks available or at least a grade of C 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 10% 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, achieve at least 50% or a grade of C- in the Unit of Work, and at
   least 50% of the available weighted marks or grades for the total summative marks for
   the assessment items.

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

2 All assessment must be presented using appropriate software.

3 Students are required to demonstrate literacy practices appropriate for a pre-service
   educator in all assessment items.

OTHER REQUIREMENTS

1 Students will require regular access to a computer with email and Internet access for
   this course.

2 Students will benefit from completing a successful professional experience and
   curriculum planning experience prior to completing this course.
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.