Description: ICT 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>
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<td>EDU</td>
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<td>ONC</td>
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Academic Group: FOEDU  
Academic Org: FOE002  
HECS Band: 1  
ASCED Code: 070303

STAFFING
Examiner: Petrea Redmond  
Moderator: Peter Albion

RATIONALE
Information communication technology (ICT) is 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 there is widespread community expectation that education will provide students with the necessary knowledge and skills to apply the new technologies for personal and vocational purposes. Beginning teachers need to possess skills is in the use of ICT for their personal use together with the ability to plan for effective technology integration in the classroom.

SYNOPSIS
Students will have opportunities to reinforce and extend existing skills in the use of information communication technologies, especially as they apply to teaching and learning in classrooms. Emphasis will be placed upon planning for the integration of ICT into the school curriculum. Topics will include consideration of policy documents relevant to computing, research about educational applications of computers, 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, selection and management 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.

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

- Demonstrate familiarity with curriculum and policy documents and research outcomes relevant to educational uses of ICT.
• Demonstrate intermediate skills in file management, word processing, spreadsheeting and presentation of software.
• Participate in a range of electronic forums.
• Evaluate software and Internet resources for classroom use.
• Create activities which promote educational uses of the web.
• Effectively and efficiently locate, retrieve and publish materials using appropriate Internet technologies.
• Discuss ways ICT is integral to the learning process.
• Describe how ICT can be used to promote student centred learning.
• Plan and implement teaching and learning strategies which make effective use of ICT and promote higher order thinking.
• Discuss resource management and pedagogical issues relating to ICT integration.
• Explore current trends in the development of ICT and discuss their implications for education and the wider society.
• Model and discuss ethical ICT use including compliance with copyright laws and equity issues.

**TOPICS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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</thead>
<tbody>
<tr>
<td>1. Background to educational ICT policy documents and research on ICT in education</td>
<td>10.00</td>
</tr>
<tr>
<td>2. Computer systems for education: terminology, IT skills, components, software tools for teachers and students, and educational software</td>
<td>10.00</td>
</tr>
<tr>
<td>3. Teaching with ICTs: planning for curriculum integration of ICT, instructional principles, and classroom management</td>
<td>50.00</td>
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<tr>
<td>4. Networking and communications: Internet as educational resource</td>
<td>20.00</td>
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<tr>
<td>5. Trends and issues in ICT in education, developments in technology, equity issues, and ethical considerations</td>
<td>10.00</td>
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**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>125</td>
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<tr>
<td>Lectures</td>
<td>25</td>
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<tr>
<td>Tutorial</td>
<td>10</td>
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</table>

**ASSESSMENT DETAILS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks Out of</th>
<th>Wtg(%)</th>
<th>Required</th>
<th>Due Date</th>
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<tr>
<td>PORTFOLIO 1</td>
<td>999.00</td>
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<td>29 Aug 2003</td>
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<td>ASSIGNMENT</td>
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<tr>
<td>PORTFOLIO 2</td>
<td>999.00</td>
<td>20.00</td>
<td>Y</td>
<td>03 Nov 2003</td>
</tr>
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</table>

**NOTES:**

* Letter grades will be used in this course and displayed in the Notes Section.

**IMPORTANT ASSESSMENT INFORMATION**

1 Attendance requirements:
   It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials 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. Students are required to regularly participate in online discussion. Students are required to participate in on-campus discussions, presentations and peer evaluation.
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 achieve at least 50% of the available weighted marks for the summative 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/SECARIAT/calendar/Part5/ or in the printed version of the current USQ Handbook.

ASSESSMENT NOTES

1 Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner.

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

3 The Faculty will normally only accept assessments that have been written, typed or printed on paper-based media.

4 The Faculty will NOT accept submission of assignments by facsimile.

5 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.

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

7 All assessment items must be attempted/submitted with a pass overall gained.

OTHER REQUIREMENTS

1 Students will require access to e-mail and Internet access to USQConnect for this course.
All assessment items must be created using appropriate software.