The University of Southern Queensland

Course specification

The current and official versions of the course specifications are available on the web at <http://www.usq.edu.au/coursespecification/current>
Please consult the web for updates that may occur during the year.

Description: ICT and Pedagogy

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-nbr</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDC</td>
<td>3100</td>
<td>3, 2010</td>
<td>WEB</td>
<td>1</td>
<td>Toowoomba</td>
</tr>
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</table>

Academic group: FOEDU
Academic org: FOE002
Student contribution band: National Priority Teaching
ASCED code: 070199

STAFFING
Examiner: Kevin Larkin
Moderator: Romina Jamieson-Proctor

REQUISITES
Co-Req:

OTHER REQUISITES
Pre-requisite: Students in all BEDU specialisations will have completed all prior Professional Experience courses in their recommended enrolment pattern. Students must have successfully completed the entire previous year's professional experience courses in order to enrol in this course. Students must be available for a prescribed period of time to undertake a placement in a school or other approved site as required in this course. 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.usq.edu.au/education/profexp/bluecard

RATIONALE
In the 21st century, information and communication technologies (ICT) are critically important to every facet of daily life at school, work and in leisure pursuits. Learning and teaching in the 21st Century requires educators to be proficient in creating learning opportunities that situate ICT as integral to the curriculum, teaching and learning experiences of students. For educators to be able to use ICT to make informed pedagogical decisions with respect to the use of ICT for teaching and learning and thus achieve curriculum goals, they must understand how students learn with ICT and the learning affordances ICT provide.

SYNOPSIS
Students will engage with the design and delivery of learning experiences for individuals and groups employing a range of developmentally appropriate and flexible teaching, learning and
assessment strategies and resources in ICT enriched environments. The course includes a 15 day practicum to provide students with the opportunity to demonstrate their understanding related to ICT and pedagogy and their ability to integrate the curriculum, teaching and learning with ICT. This Professional Experience component will provide specific opportunities for students to plan, implement and reflect upon their developing ICT pedagogy. Students will have an opportunity to meet appropriate credentialing requirements, such as Queensland's Department of Education, Training and the Arts' ICT Pedagogical Certificate and other ICT-related skill requirements appropriate to their intended employment. Resources developed throughout the course may be selected by students for inclusion in their digital portfolios, which they will create throughout their program as evidence of their learning journey. A 15 day professional experience placement is attached to this course. Note: Minimum enrolment numbers apply to this offering. Should enrolments not reach the minimum number required for on-campus study, students may be transferred to the EXT or WEB offering and advised of this change before semester commences.

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. outline the influence on curriculum and pedagogy of historical and current international and national policies and initiatives relevant to the use of ICT in diverse learning and teaching contexts [Assessment 1]
2. describe, discuss and apply teaching and learning theories and frameworks that inform ICT pedagogies [Assessment 1 & 2]
3. examine, discuss and reflect on core ideas about the knowledge generation and knowledge economy and the implications of these for curriculum and pedagogy [Assessment 1&2]
4. discuss and reflect upon the role of ICT in the curriculum, learning and teaching [Assessment 1&2]
5. examine and critique personal beliefs and practices that impact on their use of ICT for learning and teaching [Assessment 1&2]
6. design and implement worthwhile student learning experiences in which ICT are integral to the curriculum and where learners are encouraged to use ICT to locate, organize, research, (interpret, analyze), communicate, represent and (create knowledge) appropriate to particular contexts [Assessment 2]
7. develop strategic pathways to continue their learning journey and professional recognition in relation to ICT and pedagogy [Assessment 1&2].
8. demonstrate competence in and appropriate use of language and literacy, including spelling, grammar, punctuation and bibliographic referencing. (All assessments)

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. National and International ICT standards and frameworks for teachers</td>
<td>10.00</td>
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<tr>
<td>2. Learning theories and their implications for ICT use for teaching and learning</td>
<td>10.00</td>
</tr>
<tr>
<td>3. ICT pedagogies and professional practice</td>
<td>10.00</td>
</tr>
<tr>
<td>4. Teaching, values, equity and ethical practices with ICT</td>
<td>10.00</td>
</tr>
</tbody>
</table>
5. Professional relationships and ICT for teaching and learning 10.00
6. Investigating digital tools for teaching and learning with ICT 10.00
7. Planning, teaching and assessing with ICT 40.00

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.

Australian educational computing,
Computers & education,
Educational technology reseaerch and development,
(Whether you are on, or off campus, the USQ Library is an excellent source of information http://www.usq.edu.au/library. The gateway to education resources is here ...

Australian Council for computers in Education (ACCE)
(http://www.acce.edu.au)
Queensland Society for Information
(http://www.qsite.edu.au)
Smart Classroom
(http://education.qld.gov.au/smartclassrooms/)

STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>Directed Study</td>
<td>70.00</td>
</tr>
<tr>
<td>Independent Study</td>
<td>70.00</td>
</tr>
</tbody>
</table>
ASSESSMENT DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg (%)</th>
<th>Due date</th>
<th>Objectives assessed</th>
<th>Graduate skill</th>
<th>Level assessed</th>
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</thead>
<tbody>
<tr>
<td>PROFESSIONAL EXPERIENCE</td>
<td>1</td>
<td>1</td>
<td>15 Nov 2010</td>
<td>1, 2, 3, 4, 5, 6, 7</td>
<td>U2, U3, U5, U8</td>
<td>3, 3, 3, 3</td>
</tr>
<tr>
<td>ORAL PRESENTATION</td>
<td>30</td>
<td>30</td>
<td>03 Jan 2011</td>
<td>1, 2, 3, 4, 5, 7</td>
<td>U1, U3, U4, U5, U6</td>
<td>3, 3, 3, 3, 3</td>
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<tr>
<td>DIGITAL PORTFOLIO</td>
<td>70</td>
<td>70</td>
<td>25 Feb 2011</td>
<td>4, 5, 6, 7</td>
<td>U2, U3, U4, U8, U9</td>
<td>3, 3, 3, 3, 3</td>
</tr>
</tbody>
</table>

NOTES
1. Professional Experience dates as per Professional Experience timetable. A mark of one (1) indicates you have passed the Professional Experience component. A mark of zero (0) indicates you have not passed the Professional Experience component. The weighting of 1% is used for administrative purposes only and is NOT included in the overall weighting for this course.

GRADUATE QUALITIES AND SKILLS

Elements of the following USQ Graduate Skills are associated with the successful completion of this course.

<table>
<thead>
<tr>
<th>Skill</th>
<th>Level</th>
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<tbody>
<tr>
<td>Ethical Research &amp; Enquiry (Skill U1)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Problem Solving (Skill U2)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Academic, professional and digital literacy (Skill U3)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Written &amp; Oral Communication (Skill U4)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Interpersonal Skills (Skill U5)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Teamwork (Skill U6)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Managmt, Planning &amp; Org Skills (Skill U8)</td>
<td>Advanced (Level 3 )</td>
</tr>
<tr>
<td>Creatvty, Initiative &amp; Entrprse (Skill U9)</td>
<td>Advanced (Level 3 )</td>
</tr>
</tbody>
</table>

IMPORTANT ASSESSMENT INFORMATION

1. Attendance requirements:
   ONC: It is the students' responsibility to attend and participate appropriately in all activities 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. 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 satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks.

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 gained by the student for the assignment may apply for each working day late up to ten working days at which time a mark of zero may be recorded. No assignments will be accepted after model answers have been posted.

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 total weighted marks available for the course and satisfactorily complete the sector-based Professional Experience.

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 Student Policies:
Students should read the USQ policies Definitions, Assessment and Student Academic Misconduct to avoid actions which might contravene University policies and practices. These polices can be found at the URL http://policy.usq.edu.au/portal/custom/search/category/usq_document_policy_type/Student.1.html.

ASSESSMENT NOTES

1 APA style is the referencing system required in this course. Students should use APA style in their assignments to format details of the information sources they have cited in their work. The APA style to be used is defined by the USQ Library's referencing guide. http://www.usq.edu.au/library/help/referencing/default.htm

OTHER REQUIREMENTS

1 Students will require access to e-mail and have Internet access to UConnect for this course.

2 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.usq.edu.au/education/profexp/bluecard

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