



The University of Southern Queensland

Course specification

Description: Multimedia Applications in Education

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
FET	8620	44691	2, 2005	WEB	1.00	Toowoomba

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

STAFFING

Examiner: Peter Albion

Moderator: Jerry Maroulis

RATIONALE

Computer-based multimedia allows us to present large amounts of information in ways that are at once efficient and captivating. These qualities contribute to growing enthusiasm for the use of multimedia in education. Tools and techniques used to create multimedia for non-educational purposes such as entertainment can be adapted to the production of educational multimedia. However, without careful attention to the educational design of the products and the settings in which they are used there is no assurance that such products will be educationally effective.

SYNOPSIS

This course deals with a range of current issues associated with the design and development of educational multimedia, including the relationship of multimedia and learning, interactivity and navigation. It is designed around an online conference. Following some introductory reading and discussion, students will prepare a proposal for a conference paper. Proposals will be subjected to anonymous peer review before being developed into a full paper for presentation and discussion in the conference. Students will need to be prepared to read widely and to write at advanced graduate level. NOTES: 1. This course (FET8620) is available through INTERNET DELIVERY ONLY. There are NO print materials for this course. 2. For details of the technical requirements and accessing Internet study materials, please consult the following URL:

<http://usqconnect.usq.edu.au>. 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

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

1. Demonstrate knowledge and understanding of the characteristics of the elements and genres of multimedia.
2. Discuss key research findings relevant to the application of multimedia in educational settings.
3. Describe and justify practical approaches to implementing multimedia in educational settings.
4. Describe and discuss significant methodologies for educational design of multimedia.
5. Discuss implications of current research on interactivity in educational multimedia.
6. Develop appropriate processes for the evaluation of educational multimedia.

TOPICS

	Description	Weighting (%)
1.	Characteristics of educational multimedia, elements of multimedia, multimedia genres, multimedia and hypermedia development	20.00
2.	Using multimedia in education, research into multimedia in education, practical approaches to the implementation of multimedia	20.00
3.	Educational design for multimedia, objectivist design frameworks, constructivist design frameworks	20.00
4.	Interactivity in educational multimedia, navigation in multimedia, narrative in multimedia	20.00
5.	Evaluating educational multimedia, evaluation for selection, evaluation in use	20.00

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).

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.

All recommended reference materials are referred to in the Online materials.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Directed Study	82.00
Private Study	82.00

ASSESSMENT DETAILS

Description	Marks out of	Wtg(%)	Due date
PAPER PROPOSAL	10.00	10.00	19 Aug 2005
PEER REVIEWS OF PROPOSALS	10.00	10.00	09 Sep 2005
MAJOR PAPER (3000 WORDS)	50.00	50.00	07 Oct 2005
PARTICIPATION REPORT	10.00	10.00	04 Nov 2005
INTRO TO SELECTED PAPER	20.00	20.00	04 Nov 2005

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 gained by the student 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 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 All pieces of graded summative assessment in this course will be graded according to detailed marking guides provided in the course materials.
- 2 Students must retain a copy of each item submitted for assessment. This must be produced within five days if required by the Examiner.

OTHER REQUIREMENTS

- 1 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/>).
 - 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.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.
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