Description: Hypermedia Design

<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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<tr>
<td>EDU</td>
<td>2472</td>
<td>24776</td>
<td>2, 2003</td>
<td>ONC</td>
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Academic Group: FOEDU
Academic Org: FOE002
HECS Band: 1
ASCED Code: 070100

STAFFING
Examiner: Peter Albion
Moderator: Petrea Redmond

RATIONALE
Hypermedia techniques are becoming increasingly common as a basis for providing access to large volumes of data which may be stored on local or remote computer systems. Knowledge of how such systems are structured can be used by educators both to facilitate access by learners to existing stores of data and to develop systems which meet their own purposes.

SYNOPSIS
This course will examine the concepts and characteristics of hypertext and hypermedia along with the possible educational implications of large volumes of data being made available in this form. Students will develop skills for the development of hypermedia materials with emphasis on formats used by the World Wide Web.

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

- Describe and discuss the characteristics of hypertext and hypermedia systems and background of multimedia.
- Outline significant events in the historical development of hypermedia and the World Wide Web.
- Discuss the theoretical bases for and the practical implications of the educational use of hypermedia, especially the World Wide Web.
- Design and develop well-structured web materials which perform according to supplied specifications.
- Demonstrate their knowledge of course content using appropriate modes and conventions of expression.
### TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Hypertext, hypermedia and multimedia concepts and characteristics,</td>
<td>5.00</td>
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<tr>
<td>origins and development, practical systems</td>
<td></td>
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<tr>
<td>2. Educational implications of hypermedia, associative memory and concept</td>
<td>10.00</td>
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<tr>
<td>mapping, user empowerment, navigation</td>
<td></td>
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<tr>
<td>3. Hypermedia storyboarding and planning for objects and properties,</td>
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<tr>
<td>graphics tools, colour, approaches to planning, hypertext and linking,</td>
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<tr>
<td>scripting and messages, animation, multimedia and files</td>
<td></td>
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<tr>
<td>4. World Wide Web design and development HTML code, graphic and</td>
<td>50.00</td>
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<tr>
<td>media elements</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>
</tr>
</thead>
<tbody>
<tr>
<td>Lectures</td>
<td>14</td>
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<tr>
<td>Private Study</td>
<td>120</td>
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<td>Tutorial</td>
<td>28</td>
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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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<tbody>
<tr>
<td>ASSIGNMENT 1</td>
<td>20.00</td>
<td>20.00</td>
<td>Y</td>
<td>19 Sep 2003</td>
</tr>
<tr>
<td>ASSIGNMENT 2</td>
<td>40.00</td>
<td>40.00</td>
<td>Y</td>
<td>31 Oct 2003</td>
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<tr>
<td>2 HOUR EXAMINATION</td>
<td>40.00</td>
<td>40.00</td>
<td>Y</td>
<td>END S2</td>
</tr>
</tbody>
</table>

NOTES:

- Students will be advised of the examination date for this course when the official timetable for Semester 2 2003 has been finalised.

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 complete each of the assignments satisfactorily, students must obtain at least 50% of the marks available for each assignment.

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 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 obtained for each of the summative assessment items in the course.

6 Examination information:
   In a Restricted Examination, candidates are allowed access to specific materials during the examination. The only materials that candidates may use in the restricted examination for this course are: writing materials (non-electronic and free from
material which could give the student an unfair advantage in the examination); calculators which cannot hold textual information (students must indicate on their examination paper the make and model of any calculator(s) they use during the examination; English translation dictionaries (but not technical dictionaries); Formula sheets; Translation dictionary. Students whose first language is not English, may, with the Examiner's approval, take an appropriate non-electronic translation dictionary into the examination. Students who wish to use a translation dictionary MUST request and receive written approval from the Examiner at least one week before the examination date. Translation dictionaries will be subject to perusal and may be removed from the candidate's possession until appropriate disciplinary action is completed if found to contain material that could give the candidate an unfair advantage;

7 Examination period when Deferred/Supplementary examinations will be held:
Any Deferred or Supplementary examinations for this course will be held in the fourth week of the semester following this course offering and the examiner will advise students involved in writing of the date, time and location of any such examination.

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

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

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

OTHER REQUIREMENTS

1 Students will be required to use appropriate software such as the word processor for preparation of assignments and tutorial exercises submitted for assessment.

2 Data disks may be required to be submitted with assessment work.