Description: Audio and Video Applications in Education

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<th>Subject</th>
<th>Cat-Nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
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<td>1, 2002</td>
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Academic Group: FOEDU
Academic Org: FOE003
HECS Band: 1
ASCED Code: 070303

STAFFING
Examiner: Jeffrey Black
Moderator: Lesley Richardson

RATIONALE
Instructors need to be able to translate decisions about content and educational methodology designed and delivered for student use. When audio or video is selected as the medium, whether in broadcast form or distributed on tape, CD or via web-based or other delivery systems, teachers and trainers need to be able to understand the most effective way to communicate in the medium, and how to design and evaluate materials that make effective use of the power of the medium. An understanding of the production process, and how this varies according to the required distribution method is needed to make informed decisions about: * the design of effective educational products particularly in regard to using appropriate audio or video presentation styles; * the practical aspects of organising a specific production; or working with specialist production staff in an established production facility. The course covers a range of theoretical issues and practical techniques for working with audio and video to achieve educational outcomes.

SYNOPSIS
This course addresses the attributes of different media and theories underlying the educational applications of media typically used in instruction. The specific focus of this course is on the use of audio and video in an educational or training environment. The course will cover basic technical information and the development process for producing educational audio and video material. Participants will design and produce instructional audio and/or video materials addressing a selected educational problem. Notes: 1 This course 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://www.usq.online.com.au 3 It is assumed that students enrolling in this course have a background knowledge of education and learning
theories and/or first-hand experience of teaching in school, post-compulsory or community education, or industry training.

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

- identify and assess attributes of audio and video to meet an identified educational need;
- analyse and apply theories and practical issues underlying the use of audio and video in educational settings;
- design an audio treatment for a segment of course material, using either audio alone or an integrated combination of other media;
- design a video treatment for a segment of course material, using either video alone or an integrated combination of other media;
- produce a full audio script and an item of course material in audio format and produce a full video script; or
- produce a full video script and an item of course material in video format, and produce a full audio script;
- plan a delivery and an evaluation strategy.

TOPICS

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<th>Description</th>
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<tr>
<td>1. Attributes of different media and theories underlying their use in educational settings.</td>
<td>15.00</td>
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<td>2. Use of audio and video for instruction.</td>
<td>15.00</td>
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<td>3. Attributes of the audio and video media - how audio and video are used as part of an instructional strategy, taking into account learner characteristics, course content and mode of delivery.</td>
<td>15.00</td>
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<td>4. Examination of the process of developing audio and video instructional materials, or developing an instructional approach, using audio and video technology.</td>
<td>15.00</td>
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<td>5. Examination of audio and video technology and techniques in sufficient detail for students to plan their own application.</td>
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<td>6. Scriptwriting techniques for audio and video.</td>
<td>15.00</td>
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<td>7. Methods of product evaluation associated with audio and video.</td>
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TEXT and MATERIALS required to be PURCHASED or ACCESSED:
Books can be ordered by fax or telephone. For costs and further details use the 'Book Search' facility at http://bookshop.usq.edu.au by entering the author or title of the text.
There are NO prescribed texts for 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 references materials are incorporated in the study material.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY HOURS
Private Study 70

ASSESSMENT DETAILS

<table>
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<tr>
<th>Description</th>
<th>Marks Out of</th>
<th>Wtg(%)</th>
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<tr>
<td>PROJECTS &amp; JUSTIFICATION PAPER</td>
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NOTES:
1. Further details about the due dates are detailed in the assessment section of the Course Specifications.
2. Further details about the due dates are detailed in the assessment section of the Course Specifications.
3. Further details about the due dates are detailed in the assessment section of the Course Specifications.
4. Further details about the due dates are detailed in the assessment section of the Course Specifications.

OTHER REQUIREMENTS

1. As part of the final assessment a completed audio production on audio cassette, CD-ROM, mini-disk or Website and full audio and video scripts will be required; or a completed video production (or agreed part thereof) on VHS cassette, CD-ROM or Website and full video and audio scripts will be required.
2. To receive a passing grade for this course, students must: * submit all assessment items * must pass overall (grade C or better), and * must pass assignments 3 and 4 (grade C or better).
3. All pieces of graded summative assessment in this course will be graded using one of the following letter grades: HD, A, B, C, F or Incomplete. Plus or minus may be used with each of these letter grades.
Final grades for this course will be calculated by aggregating the weighted grade for each graded summative assessment item.