The prevalence of technological systems extends the way in which we increase our awareness of multiple grammars and deeply influences the way we see, hear and think. Lovejoy (1989) points out that through reproduction, arts are seen in a different context from the original setting and time period of production and thus acquire different meanings. Subsequently, as highlighted by Tapscott (1999), the role and dynamics of teaching and learning must reflect these technological advancements. The new media challenges teachers to develop a new critical language to describe, analyse and teach. This language differs from those of traditional cultures and forms of education, and demands a re-definition of image and viewer, narrative and montage, illusion and representation and space and time (CRCA, 2001). It is important that anyone entering the teaching profession understands the way in which modern technology disrupts the history of experience. It is equally important that teachers have an awareness of the way in which the visual and aural systems work so that using Technology might broaden and enrich artistic cognition.

SYNOPSIS

In this course, students will be exposed to methods of Technology including scanning personal images and manipulation of computer generated sound. Students will experiment with images and sound using appropriate software such as Photoshop and Melody Assistant. The content covered will deal with visual and aural cognition and its transference into the production of images and organised sound using technology sufficient for classroom teaching.
OBJECTIVES

On completion of this course students should be able to demonstrate practical skills/knowledge through:

1. developing an understanding of visual and aural cognition and the influence of computers on visual and aural awareness
2. developing skills in using computers to manipulate images and sound sufficient for classroom teaching
3. producing a series of experimental computer images using a chosen theme and produce arrangements using appropriate computer notation software
4. producing a major computer manipulated image based on a personal artwork complemented with sound effects
5. acquiring historical and technical arts knowledge sufficient for classroom teaching
6. demonstrating critical and evaluative skills sufficient for classroom teaching.

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>Visual and aural cognition and electronic tools</td>
<td>20.00</td>
</tr>
<tr>
<td>Playing with computers</td>
<td>20.00</td>
</tr>
<tr>
<td>Manipulating personal images and sound sources</td>
<td>20.00</td>
</tr>
<tr>
<td>Associated arts history and technical arts knowledge</td>
<td>20.00</td>
</tr>
<tr>
<td>Critical and evaluative skills</td>
<td>20.00</td>
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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).

Music Manuscript Paper Booklet

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.


Darby, M 1993, Art starts, Jacaranda Press, Brisbane.


Richardson, D 1992, Teaching art, craft and design, Longman Cheshire Pty Ltd, Melbourne.


**STUDENT WORKLOAD REQUIREMENTS:**

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
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<td>Group Work</td>
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<td>Private Study</td>
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<td>Workshops</td>
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ASSESSMENT DETAILS

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<td></td>
<td>(see note 1)</td>
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<td>MAJOR WORK</td>
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<td></td>
<td>(see note 2)</td>
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</tbody>
</table>

NOTES:

1. Preliminary work due week 8 (6-10 September 2004). Teaching Portfolio of experimental computer images with major piece, and accompanying major musical arrangement including preliminary work and musical exercises. Formative assessment continuous throughout the semester.


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 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 10% 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 a passing grade, students must demonstrate, via the summative assessment items, that they have achieved the required minimum standards in relation to the objectives of the course by satisfactorily completing all 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.

ASSSESSMENT NOTES

1 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner.

2 Students must retain a copy of each item submitted for assessment. This must be produced within twenty-four (24) hours of receipt of request being made by the Examiner. The student must retain this copy until the grade for this course has been finalised.

3 The Examiner may grant an extension of the due date of an assignment in extenuating circumstances.

4 In the event that a due date for an assignment falls on a local public holiday in their area, such as a Show holiday, the due date for the assignment will be the next working day. Students are to note on the assignment cover the date of the public holiday for the Examiner's convenience.

5 Students who have undertaken all of the required assessments in a course but who have failed to meet some of the specified objectives of a course within the normally prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). An IM grade will only be awarded when, in the opinion of the Examiner, a student will be able to achieve the remaining objectives of the course after a period of non-directed personal study.

6 Students who, for medical, family/personal, or employment-related reasons, are unable to complete an assignment or to sit for an examination at the scheduled time may apply to defer an assessment in a course. Such a request must be accompanied by appropriate supporting documentation. One of the following temporary grades may be awarded IDS (Incomplete - Deferred Examination); IDM (Incomplete - Deferred Make-up); IDB (Incomplete - Both Deferred Examination and Deferred Make-up).

7 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.

8 The Faculty will normally only accept assessments that have been written, typed or printed on paper-based media. The Faculty will NOT accept submission of assignments by facsimile. Students who do not have regular access to postal services or who are otherwise disadvantaged by these regulations may be given special consideration. They should contact the Examiner of the course to negotiate such special arrangements.

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

10 All assessment items must be submitted with a pass overall gained.

11 Summative assessment items will receive a numerical score. Any ungraded assessment requirement will receive a Pass, Fail or Incomplete.
OTHER REQUIREMENTS

1. Students will require access to e-mail and Internet access to USQConnect for this course.
2. Students are to use a recognised referencing system a specified by the course examiner.