PROPOSAL TO INTRODUCE A NEW COURSE
(formerly known as subject)

1. COURSE DETAILS

1.1 Course ID Comp4431

1.2 Course name – Long Computer Game Programming Workshop
1.3 Course name – Abbreviated Computer Game Programming Workshop

1.4 Course Authority CS&E ext/email
Dr. Tim Lambert 56496/ lambert@cse.unsw.edu.au
Dr. Adnan Amin 56924/amin@cse.unsw.edu.au

1.5 Organisational Unit responsible for course

The academic unit responsible for controlling the program.
CS&E

School: CS&E Faculty: Engineering

Academic Group Code (Faculty):
eg. Arts and Social Sciences = ARTSC

Academic Organisation Code (Owner): COMP
eg. Department of French=FREN

1.6 Justification of Proposal

Briefly state the nature of the new proposal and why it is proposed.

1. Modern computer games require collaboration between artists and programmers.
2. This course will involve programmers (from CS&E) and artists (from COFA), who will work
together as teams to produce a computer game.
3. This course code is used for the CS&E students enrolled, COFA students will be enrolled in this
existing course SOMA 3610 (Digital Studio).

1.7 Consultation Process

Which other interested parties, including other academic units, students and visiting committees, have
been consulted on this proposal? Provide further details under sections 2.3 and 2.4 and attach any
copies of correspondence.

We have consulted with COFA who are keen to see their students have an opportunity to collaborate
with CS&E students.

1.8 Units of credit (UOC) Session/s offered Hours Per Week

S1 6UOC/2H

1.9 Pre-requisites: Comp 3421 Computer Graphics
Co-requisites: COMP3511
Exclusions:

1.10 Proposed Entry in the Faculty Handbook (including course description)
This course is run in conjunction with SOMA 3610 Digital Studio. Students will form teams containing programmers (this course), artists and designers (SOMA 3610) to create a computer game. There will be invited lectures from the game industry, AI researchers, artists and designers from COFA and computer graphics researchers.

1.11 Is this course replacing an existing course?

Give previous course ID and name

NO

1.12 Undergraduate / Postgraduate / Other (delete what is not applicable)

1.13 Elective

1.14 Program stage S1 2006
Indicate the program stage in which the course is usually taken and the session/year when it will first be offered.

1.15 Program/s in which course is be available
Provide program code and program name (address any servicing implications under sections 2.3 and 2.4).

Software Engineering
Computer Science
Computer Engineering, and
Combined programs involving these.

1.16 Proposed teaching methods and assessment practices
examinable (formal) or other (coursework, assignments, informal exam)
This Course is a project based, there will be a few lectures invited from the game programming industry, COFA, and CS&E, and assessment is based on the project(s).

1.17 Assessment grades to be used
full range of grades ie. HD, DN, CR, PS, FL; Satisfactory/Unsatisfactory; or Pass/Fail

Full range of grades

1.18 Mode of delivery

Internal

1.19 Information Technology Requirements for students

Computing Facilities will be provided by School of CSE.

1.20 Textbooks None
Provide full details of all set and recommended textbooks in accordance with your faculty's textbook list guidelines

Recommended:


  http://www.cs.colby.edu/courses/cs398/lectures/gamfaq.txt

**Supplementary texts**

  Books Worldwide.

  Worldwide.

  Group.

  gurus*. Indianapolis: Sams Publishing.

1.21 **Industrial experience component None**
(Where applicable)

2. **RESOURCE STATEMENT**

2.1 **Enrolments**
Estimated or proposed enrolments for the next three years.

2005: -

2006: 30

2007: 30

Note that this is only half of the students- the COFA students enrol under SOMA

2.2 **Resource Requirements**

**Staffing Requirements:**

<table>
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<tr>
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<th>Hours per week</th>
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<tbody>
<tr>
<td>Full-time Academic Staff</td>
<td>1 per week</td>
</tr>
<tr>
<td>Part-time Teaching Staff</td>
<td>1 per group of 5</td>
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<tr>
<td>General Staff</td>
<td></td>
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</tbody>
</table>
Field Costs: Nil

Studio/Laboratory Requirements: None

Materials Requirements: None

Equipment Costs: None


Library Requirements: None

Capital Funds Requirements: None

2.3 Servicing Implications:
Course proposals which involve servicing arrangements with Schools/Departments across Faculty boundaries should be considered by the other relevant Faculties or Boards of Studies.

Will service teaching be provided, or has it been in the past and will no longer be provided by another department/school? Provide details of any discussions/agreements reached, particularly with regard to resource re-allocation.

Project teams will be mentored by staff from CS&E (technical side) and from COFA (artistic side).

2.4 Teaching Arrangements:

(i) Will other units contribute on a regular basis to the teaching of this course?

   NO

(ii) If so, which units are involved and what proportion of the course will they teach?

2.5 Alternative Delivery Arrangements:

Provide details of the alternative delivery arrangements eg. distance delivery modules, short-term residential school etc including the method of preparing teaching materials and their delivery. The Resource Authorisation from the University Librarian (section 3.1) should reflect the consultation undertaken with regard to any special services that will need to be provided for students.

2.6 Details of Tuition Fees:
Fees for courses are calculated on a pro-rata basis.
Proposed fee:

Standard for an Engineering course of this type.
3. **AUTHORISATION**

3.1 **University Librarian’s Endorsement**

*Note: this section of the Proposal must be signed by a Library representative, stating:*

I have examined the Library needs related to the above proposal and certify that existing Library holdings, staffing, services and accommodation are adequate / inadequate (delete one) to cover the demands that are inherent in it.

Appropriate arrangements for the use of digitised material to support this course have been made by the Course Authority with the University Librarian.

Further Comments:

University Librarian
/
/2004

3.2 **Head of School’s Approval**

*Note: this section of the Proposal must be signed by the Head of School, stating:*

I have examined the resource implications of the above proposal in regard to staff, space, materials, equipment, capital funds, and computing, and certify that the School can cover the demands that are inherent in it.

Further Comments:

Head of School
/
/2004

3.3 **Dean’s Approval**

*Note: this section of the Proposal must be signed by the Dean, stating:*

I have examined the resource implications of the above proposal in regard to staff, space, materials, equipment, capital funds, and computing, and certify that:

*(Tick whichever is applicable)*

3.3.1 (i) the proposal involves no additional resources. (A statement from the Head of School explaining how this can be achieved must be provided); or

(ii) the proposal involves additional resources and it is proposed to redeploy existing resources within the faculty. (A statement from the Head of School explaining how
this will be achieved must be provided); or

(iii) the proposal involves additional resources to be obtained as set out below; or

(iv) the additional resources essential to bring the proposal into effect cannot be found within resources available to the faculty.

3.3.2 Fees (delete if not applicable):

- a fee will not be charged for this program (other than HECS)
- a fee will be charged for this program for local fee-paying students
- a fee will be charged for international students

If a fee is to be charged the Dean certifies as follows:

I have ensured that the Vice-Chancellor has been advised of the proposed fee arrangements, and note that approval of fee arrangements is needed before the new program can be implemented.

3.3.3 the proposal conforms to the University's commitment to Equal Opportunity in Education.

Statement from Head of School on Source of Additional Resources and/or Further Comments:

Dean

/ /2004

Please click on link for
DISABILITY GUIDELINES FOR ACADEMIC STAFF PREPARING COURSES