

PROPOSAL TO INTRODUCE A NEW COURSE

(formerly known as subject)

1. COURSE DETAILS

1.1 **Course ID** COMP4930

1.2 **Course name – Long** Thesis A.

1.3 **Course name – Abbreviated** Thesis A

1.4 **Course Authority**

Dr John Potter

ext/email 54334/potter@cse.unsw.edu.au

1.5 **Organisational Unit responsible for course**

School: Computer Science and Engineering

Faculty: Engineering

Academic Group Code (Faculty): ENG

Academic Organisation Code (Owner): COMPSC

1.6 **Justification of Proposal**

The introduction of this course is part of the revision of the BE programs, as approved by UNSW Council 7 Nov 2005.

1.7 **Consultation Process**

As per the BE program revision. Other schools within the faculty and outside, industry bodies and students were consulted.

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

6 UoC Available S1 and S2 5 hours per week

1.9 **Pre-requisites:** COMP3601 and 120UoC passed.

Co-requisites:

Exclusions: nil

1.10 **Proposed Entry in the Faculty Handbook**

UC 6 HPW5

Prerequisites: COMP3601 and 120UoC passed.

The thesis project is chosen by the student in a topic area covered by the interests and expertise of an academic staff who will act as the project supervisor.

1.11 **Is this course replacing an existing course?**

YES

1.12 **Undergraduate / Postgraduate**

1.13 **Core**

1.14 Program stage Stage 4

1.15 Program/s in which course is be available

BE 3645, BE 3715, BE 3722, BE 3726, BE 3728

1.16 Proposed teaching methods and assessment practices

The course will be assessed by means of a seminar and a thesis report.

1.17 Assessment grades to be used

Full range of grades (HD, DN, CR, PS, FL)

1.18 Mode of delivery

Internal

1.18.1 Multi-mode Delivery Guidelines

The following issues should be addressed in proposals for Multi-mode delivery:
Not Applicable

1.19 Information Technology Requirements for students

Standard resources available in the school plus the electronic and other components required with permission from supervisor.

1.20 Textbooks

No specific textbook. Supervisor to advise student on any particular books needed.

Recommended references:

1. M. Markel, *Writing in the Technical Fields*, IEEE Press, 1994

1.21 Industrial experience component

(where applicable)

2. RESOURCE STATEMENT

2.1 Enrolments

Estimated or proposed enrolments for the next three years.

2009: 40

2010: 50

2011: 60

2.2 Resource Requirements

Staffing Requirements:

Hours per week

Full-time Academic Staff:

Part-time Teaching Staff:

General Staff: Covered by standard support of the Computer Support Group

Field Costs:

Studio/Laboratory Requirements:

Materials Requirements:

Equipment Costs:

Computing Requirements:

Library Requirements:

No standard text book for this course.

Capital Funds Requirements:

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.

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:

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
/ /2006

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
/ /2006

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
/ /2006

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