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

FOLLOWING COMPLETION OF THE PROPOSAL, PLEASE DELETE ALL THESE YELLOW HIGHLIGHTED INSTRUCTIONS.

The original signed document (paper copy) ***and an electronic version*** must be received by the Secretariat **at least ten days** prior to the meeting date of the Higher Degree Committee (for postgraduate courses) or Faculty Standing Committee (for undergraduate courses).

COPYRIGHT LAW Staff intending to use digitised information to support their programs must consult with the University Librarian, Mr Andrew Wells on 9385-2662 (before this proposal is signed off by the University Librarian).

For assistance in completing the Form in the first instance contact:

Your Registrar's Nominee OR MEMBERS OF THE SECRETARIAT TEAM:

Victoria Finlay ext 3070 or email v.finlay@unsw.edu.au	Academic Board and Policy Advisory Committee
Lynda Ho ext 2792 or email l.ho@unsw.edu.au	Postgraduate Coursework Committee, Medicine, College of Fine Arts, Arts & Social Sciences, Built Environment.
Peter King ext 3073 or email p.king@unsw.edu.au	Undergraduate Studies Committee, General Education Committee, Science, Australian Graduate School of Management, Commerce & Economics and Engineering
Sandra Basir ext 3289 or email s.basir@unsw.edu.au	Committee on Research, Committee on Education, Academic Services Committee, Library Advisory Committee, Information Technology Committee, Law

If further assistance is required, contact:
Jane Gatwood, Assistant Registrar, Student Office, ext 3099 or email j.gatwood@unsw.edu.au
Kathy Keane, Assistant Registrar, Student Information & Systems Office, ext 3154 or email k.keane@unsw.edu.au.

1. COURSE DETAILS

1.1 Course ID **COMP???? <-------**

1.2 Course name - Long
Java and Internet Programming

1.3 Course name - Abbreviated
Java and Internet Programming

1.4 Course Authority **Nandan Parameswaran** **ext/email** **6941/paramesh@cse.unsw.edu.au**

1.5 Organisational Unit responsible for course

School: School of Computer Science **Faculty:** **Engineering**

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

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

1.6 Justification of Proposal

Java is an important language in which not only object oriented programming can be taught, but also many other issues related to real world programming such as concurrency, networking, and dynamic HTML. In the current curriculum, there is no course which teaches object oriented programming and Java to the post graduate students. This course thus will aim to teach both the underlying concepts in Java based programming and their variations as found in the real world applications.

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.

1. Approved by the Teaching Committee, School of Computer Science and Engg
2. Dr John Shepherd, Postgraduate Course Coordinator, School of Computer Science and Engg,

1.8	**Units of credit (UOC)**	**Session/s offered**	**Hours Per Week**
	???	S1, S2	3 Hours/week

S1, S2, S3 - Session 1, Session 2, Session 3 = whole year course
X1, X2 - summer, winter
M1, M2, M3, M4, M5 - u/g Medicine course
A1, A2, A3 - F/T MBA
Other - Provide details

1.9 Pre-requisites: **COMP902: Priciples of Programming**
Co-requisites: COMP9311: Introduction to Database Systems
Exclusions:

1.10 Proposed Entry in the Faculty Handbook (including course description)

Introduction to Java, and objects; classes and methods; applications and applets; inheritance and polymorphism; exceptions; files and streams; GUI components and event driven programming; Graphics; multithreading; remote method invocation; JDBC, securtiy issues. Introduction to Perl.

1.11 Is this course replacing an existing course?

YES Give previous course ID and name

NO x

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

1.13 ~~**Core /**~~ **Elective (delete one)**

1.14 Program stage
Stage II / Session 2 , 2003

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

MEngSc 8685, ME 2765.

Provide program code and program name (address any servicing implications under sections 2.3 and 2.4).

1.16 Proposed teaching methods and assessment practices

examinable (formal) or other (coursework, assignments, informal exam)

Lectures, assignments, term projects, and final exam.

1.17 Assessment grades to be used

full range of grades ie. HD, DN, CR, PS, FL; Satisfactory/Unsatisfactory; or Pass/Fail

HD, DN, CR, PS, FL; Satisfactory/Unsatisfactory; or Pass/Fail

1.18 Mode of delivery

Internal X

External

Other (specify)

1.18.1 Multi-mode Delivery Guidelines

The following issues should be addressed in proposals for Multi-mode delivery:

- parity in admission requirements to ensure that the integrity of programs at UNSW was not compromised;
- administrative processes relating to enrolments and dealing with students overseas;
- content and standard of courses and assuring comparability with on-campus courses;
- by whom and how courses were to be delivered;
- assessment procedures; and
- availability of library resources.

Note: The International Strategies Committee considers:

(i) partnership arrangements;
(ii) whether the impact on the faculty of staff going overseas had been considered, and
(iii) whether appropriate steps had been taken to register the program in the country concerned.

Proponents should contact the Office of the Deputy Vice-Chancellor (Research and International) regarding this committee."

1.19 Information Technology Requirements for students

Must have been exposed to programming with computers

In accordance with Academic Board resolution 99/66 relating to *Information Technology Requirements for UNSW Students* (see Secretariat website), please indicate the IT requirements for the course:

1.20 Textbooks

Provide full details of all set and recommended textbooks in accordance with your faculty's textbook list guidelines

1. Java in a Nutshell
   David Flanagan
   Fourth Edition March
   O'Reilly 2002

2. Java Software Solutions
   Lewis and Loftus
   Addison Wesley 2002.

3. Advnaced Java 2 Platform
   Dietel, Deitel, and Santry:
   Prentice Hall 2001.

1.21 Industrial experience component
(where applicable) NIL

2. RESOURCE STATEMENT

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

2002: 100

2003: 100

2004: 100

2.2 Resource Requirements

Staffing Requirements:

Hours per week

8 Full-time Academic Staff

3 Part-time Teaching Staff

General Staff

Field Costs: NIL

Studio/Laboratory Requirements: NIL

Materials Requirements: NIL

Equipment Costs: NIL

Computing Requirements: 10 hours of computer lab per week per student

Library Requirements: 5 copies of text books specified above.

Capital Funds Requirements: NIL

2.3 Servicing Implications: N/A

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?

YES

NO X

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

2.5 Alternative Delivery Arrangements: N/A

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:

$1500 ????

$ for non-award enrolment (local)

$ for non-award enrolment (international)

$ for course which forms part of full fee-paying program (for local students)

$ for course which forms part of full fee-paying program (for international students)

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
/ /2002

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
/ /2002

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
/ /2002

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