

## PROPOSAL TO INTRODUCE A NEW COURSE

### 1. COURSE DETAILS

1.1 Course ID COMP9323 (COMP9316-3)

1.2 Course name - Long

e-Enterprise Project

1.3 Course name - Abbreviated

e-Enterprise Project

1.4 Course Authority ext/email

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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

This course is proposed in the context of an effort to develop a new coursework master in e-commerce. Briefly stated, the master program aims at providing specialised education in the main aspects of e-enterprise computing, including B2C and B2B systems engineering. More importantly, this program will respond to the demand for IT professionals to provide necessary IT support in "digital age" organizations in Australia and elsewhere. Currently, the school offers one course (COMP9316 - e-Commerce Systems Implementation) that focus on enabling technologies for e-commerce applications. However, in order to cover a wide range of e-commerce techniques and technologies and cater for the variations in students abilities and background, we propose to offer 3 separate courses that provide the IT foundations for building e-enterprise systems: an introductory course that covers the basic infrastructure used in Web-based e-commerce applications development, an advanced course that covers techniques for designing and implementing complex e-enterprise applications (e.g., e-government, e-banking, and e-health applications) , and a

project-through which, students acquire good knowledge of complex e-commerce systems development and learn through design and implementation patterns for separating different layers of large and complex e-commerce applications. This course (COMP9323) is an important features of the e-commerce master program. It is a project-based course (no formal lectures will be offered). This course allows students to pursue a group-based and practical project related to e-commerce systems in an identified area of interests (e.g., e-banking, e-health, e-government). Groups will be supervised by project mentors. The project demonstration will be exhibited to the project mentor and the lecturer. Students will be encouraged to do their projects with real businesses.

### **1.7 Consultation Process**

Postgraduate program director and Head of School

<b>1.8</b>	<b>Units of credit (UOC)</b>	<b>Session/s offered</b>	<b>Hours Per Week</b>
	6	S1 and S2	3

- 1.9 Pre-requisites:**  
**Co-requisites:**  
**Exclusions:**

### **1.10 Proposed Entry in the Faculty Handbook**

This is a project based course through which, students acquire good knowledge of complex e-commerce systems development and learn through design and implementation patterns for separating different layers of large and complex e-commerce applications. It allows students to pursue a group-based and practical project related to e-commerce systems in an identified area of interests (e.g., e-banking, e-health, e-government). Groups will be supervised by project mentors. Students will be expected to build a major e-commerce portal such as amazon.com or expedia.com.

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

No

**1.12 Undergraduate / Postgraduate**

**1.13 Core / Elective**

**1.14 Program stage**

Usually taken in stage ??? (first offered S1, 2005)

**1.15 Program/s in which course is be available**

????

**1.16 Proposed teaching methods and assessment practices**

Project demonstration and report

**1.17 Assessment grades to be used**

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

**1.18 Mode of delivery**

Internal X

External

Other (specify)

**1.19 Information Technology Requirements for students**

Standard for computer Science and Engineering

**1.20 Textbooks**

Set textbooks: N/A

Recommended references: N/A

## **1.21 Industrial experience component**

N/A

## **2. RESOURCE STATEMENT**

### **2.1 Enrolments**

2005: 200

2006: 225

2007: 250

### **2.2 Resource Requirements**

#### **Staffing Requirements:**

Hours per week

Full-time Academic Staff: ??? hours (1 session only ?)

Part-time Teaching Staff: 6 hours per week

General Staff: Covered by standard support of the computer Support group

**Field Costs:** N/A

**Studio/Laboratory Requirements:** N/A

**Materials Requirements:** N/A

**Equipment Costs:** N/A

**Computing Requirements:** Use of existing facilities in the school

**Library Requirements:** Standard textbooks for reference, journal articles and conference proceedings

**Capital Funds Requirements:** N/A

### **2.3 Servicing Implications:**

N/A

**2.4 Teaching Arrangements:**

**YES**

**NO**        **N**

**2.5 Alternative Delivery Arrangements:**

N/A

**2.6 Details of Tuition Fees:**

Proposed fee:

\$        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**

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

/ /2003

#### **3.2 Head of School's Approval**

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

/ /2003

#### **3.3 Dean's Approval**

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

- 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  
/ /2003

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