Graduate Certificate in Information Technology (Electronic Commerce) (IT94)

Year offered: 2011
Admissions: No
Course duration (part-time): 2 semesters or 26 weeks (based on completing 2 units/sem)
Domestic Fees (indicative): 2011: Full fee tuition $7,375 (indicative) per semester
Domestic Entry: February and July
Assumed knowledge: See Entry Requirements
Preparatory studies: For information on acquiring assumed knowledge visit http://www.qut.edu.au/assumed-knowledge

Total credit points: 48
Course coordinator: Dr Ernest Foo
Campus: Gardens Point

Course Overview
Please note: From 2009, this course is discontinued. IT94 continuing students should contact the course coordinator, Ernest Foo for enrolment or progression advice via enquiry.scitech@qut.edu.au or 3138 2782.

The Graduate Certificate in Information Technology consists of four designated units (48 credit points) which highlight career specialisations.

The Graduate Certificate in Information Technology (Electronic Commerce) (IT94) provides the knowledge and skills necessary for employment in mainstream e-commerce application development.

Further Information
For further information about this course, please contact:
Ernest Foo
Phone: +61 7 3138 3782
Email: enquiry.scitec@qut.edu.au

IT94 - Graduate Certificate in IT (Electronic Commerce)

Four (4) units to be selected from the following

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<th>Unit Code</th>
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<td>INN271</td>
<td>The Web</td>
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<td>INN340</td>
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UNIT SYNOPSES

INN255 SECURITY
This unit aims to give you an understanding of the major issues in information security. You will be able to identify critical information security concepts and determine the information security implications of interactions between entities. You will have knowledge of a range of techniques for protecting information, and understand the limitations of these techniques. You will be aware of international information security management standards.

Antirequisites: INB255, ITB161, ITB523, ITB623, ITB730
Equivalents: ITN161, ITN511, ITN523, ITN663, ITN730
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2011 SEM-1

INN271 THE WEB
The aims of the unit are to give you a thorough understanding of what the web is, how it works and what it has to offer. Additionally, the unit aims to give you a general understanding and basic skills in developing dynamic web applications, including an appreciation of the variety of implementation technologies available. Through an understanding of how web technologies have evolved to date, you will appreciate the necessity for lifelong learning and become an insightful predictor of future developments in this area. You will learn to critically analyse technological alternatives in order to adapt to and innovate with technologies that presently do not exist. You will appreciate the business or organizational context within which web applications exist and be skilled in communicating within that environment. You will appreciate the social and ethical issues relating to web based systems including accessibility, globalization, privacy, and piracy.

Antirequisites: INN373, INB373
Assumed knowledge: Basic programming and database knowledge is assumed.
Equivalents: ITB007, ITB227, ITN007
Credit points: 12
Contact hours: 3 per week
Campus: Gardens Point
Teaching period: 2011 SEM-1

INN313 ELECTRONIC COMMERCE SITE DEVELOPMENT
This unit will enable you to specify, design, implement and maintain effective e-commerce applications. You will obtain a broad understanding of the potential of e-commerce and how it can be employed to benefit an organisation. You will get direct experience of creating an e-commerce storefront following a business to business (B to B) or business to consumer (B to C) model. You will also have an
understanding of the computer systems that underpin e-commerce including payment systems and secure transactions.

**Antirequisites:** INB313 and ITB260  **Equivalents:** ITN260

**Credit points:** 12  **Contact hours:** 3 per week

**Campus:** Gardens Point  **Teaching period:** 2011 SEM-2

**INN340 DATABASE DESIGN**

The aim of this unit is to help you develop your knowledge, understand a formal specification tool (ORM) for modelling information systems unambiguously and to apply this formal technique to conceptualise information systems found in many real world application domains.

**Antirequisites:** INB340  **Assumed knowledge:** INN210 or ITN200 is assumed knowledge  **Equivalents:** ITN229

**Credit points:** 12  **Campus:** Gardens Point  **Teaching period:** 2011 SEM-1