



MONASH University

**FIT1009
e-Commerce systems**

Unit Guide

Semester 2, 2009

The information contained in this unit guide is correct at time of publication. The University has the right to change any of the elements contained in this document at any time.

Last updated : 18 Jul 2009

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FIT1009 e-Commerce systems - Semester 2, 2009

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Introduction

Welcome to FIT1009 eCommerce Systems! This 6 point unit is a core unit for the Business Systems major of Bachelor of Information Technology and Systems (BITS). At the end of the unit, students will be able to understand and evaluate many important concepts and technologies in e-commerce and e-business. At the end of the learning, students will be all e-savvy when they prepare to take on business.

Unit synopsis

This unit introduces fundamental electronic commerce systems and technologies including internet commerce infrastructures, relationships to business strategies, client-side and server-side security, legal and management issues for effective use of internet commerce. It provides students with necessary information and knowledge about the purpose, structure, and use of the internet-based business systems. Specific topics in this unit include: the internet and business use of the Internet. Internet commerce and Internet mechanisms and infrastructures. Business to consumer and business to business revenue models. Internet commerce standards and security. Electronic payment systems. Internet commerce strategies, intranets and extranets, managing and maintaining an internet commerce presence. Global opportunities and issues and trends in internet commerce. Internet commerce software and multimedia. internet and mobile communication gateways. Internet commerce standards and security. Internet transaction processing and business models for the Internet. Managing and on-line internet case development,.

Learning outcomes

On completion of this subject the students will be able to:

1. Understand Internet mechanisms and infrastructures and their application;
2. Describe different business to consumer and business to business revenue models;
3. Describe the role of online payment systems and how they are implemented;
4. Explain why standards and security are required for internet commerce;
5. Develop an extensive understanding of how internet commerce concepts, strategies, mechanisms, and infrastructures are brought together to produce internet-based commerce systems;
6. Discuss issues and trends in internet commerce.

Contact hours

4 hrs/week

Workload

For on campus students, workload commitments are:

- two-hour lecture and
- two-hour tutorial (or laboratory) (requiring advance preparation)
- a minimum of 2-3 hours of personal study per one hour of contact time in order to satisfy the reading and assignment expectations.
- You will need to allocate up to 4 hours per week for use of a computer, including time for newsgroups/discussion groups.

Off-campus students generally do not attend lecture and tutorial sessions, however, you should plan to spend equivalent time working through the unit resources and participating in discussion groups each week.

Unit relationships

Co-requisites

FIT1003

Prohibitions

GCO2601, BEW1601, ELC1000, IMS2704, IMS3280, BEG1601, CPE3008, GCO2803

Relationships

FIT1009 is a core unit in the Business Systems major of the Bachelor of Information Technology and Systems (BITS).

There are no prerequisites for this unit..

You may not study this unit and GCO2601, BEW1601, ELC1000, IMS2704, IMS3280, BEG1601, CPE3008 in your degree.

Teaching and learning method

- The unit is taught in both on-campus and off-campus modes
- On campus students will have one 2 hour lecture and one 2 hour tutorial per week.
- Copies of lecture slides and tutorial exercises will be made available to all students through the unit website.
- All students, on and off campus will be supplied with online study materials.
- Lectures will provide students with the knowledge of fundamental theories and concepts. The tutorials will provides tudents with an opportunity to discuss and apply the concepts throughcase studies and problem solving exercises.

Timetable information

For information on timetabling for on-campus classes please refer to MUTTS, <http://mutts.monash.edu.au/MUTTS/>

Tutorial allocation

On-campus students should register for tutorials/laboratories using the Allocate+ system:
<http://allocate.cc.monash.edu.au/>

Off-Campus Learning or flexible delivery

Off-campus learning offers students with the flexibility of learning anywhere around the world.

Unit Schedule

Week	Topic	Study guide	Key dates
1	Overview of eCommerce	1	
2	B2C Models	2	
3	B2B Models	3	
4	Technologies of eCommerce	4	
5	Web Marketing	5	
6	MobileCommerce / Web Design	6	
7	Client Side Security	7	30 August (A1 due)
8	Communication Channel Security	8	
9	Server Side Security/Security Protocols	9	
10	Payments Systems 1	10	
Mid semester break			
11	Payment Systems 2	11	
12	Legal, Ethical and Tax Issues	12	17 October (A2 Due)
13	Revision		

Unit Resources

Prescribed text(s) and readings

Schneider, Gary, *"Electronic Commerce"*, Thomson Course Technology, 8th Edition, 2009, ISBN 13: 978-1-4239-0305-5

Text books are available from the Monash University Book Shops. Availability from other suppliers cannot be assured. The Bookshop orders texts in specifically for this unit. You are advised to purchase your text book early.

Recommended text(s) and readings

Fuller F (2000). "Getting Started with Electronic Commerce". The Dryden Press.

Greenstein, M., Vasarhelyi, M. (2002), "Electronic Commerce - Security, Risk Management, and Control", 2nd Edition, McGraw-Hill.

Lawrence, E., Corbitt, Tidwell, Fisher and Lawrence, J. (1998), "Internet Commerce - Digital Models for Business", John Wiley & Sons.

McComb G (1998). "Web Commerce Cookbook". John Wiley & Sons.

Treese, W G and Stewart, L C. (1998) "Designing systems For Internet Commerce", Addison-Welsey.

Deitel. H, Deitel.P and Steinbuhler.K, "*e-Business & e-Commerce for Managers* ", Prentice Hall, 2001.

Required software and/or hardware

There is no software requirement

Equipment and consumables required or provided

Students studying off-campus are required to have the minimum system configuration specified by the Faculty as a condition of accepting admission, and regular Internet access. On-campus students, and those studying at supported study locations may use the facilities available in the computing labs. Information about computer use for students is available from the ITS Student Resource Guide in the Monash University Handbook. You will need to allocate up to 4 hours per week for use of a computer, including time for newsgroups/discussion groups.

Study resources

Study resources we will provide for your study are:

The FIT1009 web site on MUSO, where lecture slides, weekly tutorial requirements, assignment specifications, sample solutions and supplementary materials will be posted.

This web site also contains:

- the Unit Book containing 12 Study Guides (in .pdf format).
- newsgroups / discussion forums

This Unit Information outlining the administrative information for the unit

Assessment

Overview

Exam (3 hours): 60%, Assignments: 40%

Faculty assessment policy

To pass a unit which includes an examination as part of the assessment a student must obtain:

- 40% or more in the unit's examination, and
- 40% or more in the unit's total non-examination assessment, and
- an overall unit mark of 50% or more.

If a student does not achieve 40% or more in the unit examination or the unit non-examination total assessment, and the total mark for the unit is greater than 44% then a mark of no greater than 44-N will be recorded for the unit.

The unit is assessed with two assignments and a three hour closed book examination. To pass the unit you must:

- attempt both assignments and the examination
- achieve no less than 40% of the possible marks in the exam
- achieve no less than 50% of possible marks

$$\text{Final grade} = E * R + A * (1 - R)$$

- *A* = overall assignment percentage
- *E* = examination percentage
- *R* = exam weighting (0.6)

Assignment tasks

Assignment coversheets

Assignment coversheets are available via "Student Forms" on the Faculty website:

<http://www.infotech.monash.edu.au/resources/student/forms/>

You MUST submit a completed coversheet with all assignments, ensuring that the plagiarism declaration section is signed.

Assignment submission and return procedures, and assessment criteria will be specified with each assignment.

• Assignment task 1

Title:

Assignment 1

Description:

This assignment consists of a number of short-answer questions, covering the topics taught in the first five weeks of the semester. The questions will test your understanding of main concepts and technologies of eCommerce systems.

Weighting:

20%

Due date:

30 August, 2009

• Assignment task 2

Title:

Assignment 2

Description:

This assignment consists of a number of short-answer questions, covering the topics taught in the second part of the semester. The questions will test your understanding of main concepts and technologies of eCommerce systems.

Weighting:

20%

Due date:

17 October, 2009

Examination

- **Weighting:** 60%

Length: 3 hours

Type (open/closed book): closed book

See Appendix for End of semester special consideration / deferred exams process.

Due dates and extensions

Please make every effort to submit work by the due dates. It is your responsibility to structure your study program around assignment deadlines, family, work and other commitments. Factors such as normal work pressures, vacations, etc. are not regarded as appropriate reasons for granting extensions. Students are advised to NOT assume that granting of an extension is a matter of course.

Students requesting an extension for any assessment during semester (eg. Assignments, tests or presentations) are required to submit a Special Consideration application form (in-semester exam/assessment task), along with original copies of supporting documentation, directly to their lecturer within two working days before the assessment submission deadline. Lecturers will provide specific outcomes directly to students via email within 2 working days. The lecturer reserves the right to refuse late applications.

A copy of the email or other written communication of an extension must be attached to the assignment submission.

Refer to the Faculty Special consideration webpage or further details and to access application forms:
<http://www.infotech.monash.edu.au/resources/student/equity/special-consideration.html>

Late assignment

Assignments received after the due date will be subject to a penalty of 5% for each day an assignment is late, up until the cutoff date. No assignment will be accepted after the cutoff date (usually 1 week after the due date).

Return dates

Students can expect assignments to be returned within two weeks of the submission date or after receipt, whichever is later.

Appendix

Please visit the following URL: <http://www.infotech.monash.edu.au/units/appendix.html> for further information about:

- Continuous improvement
- Unit evaluations
- Communication, participation and feedback
- Library access
- Monash University Studies Online (MUSO)
- Plagiarism, cheating and collusion
- Register of counselling about plagiarism
- Non-discriminatory language
- Students with disability
- End of semester special consideration / deferred exams