



Course Specification

Course Name:[E-Business]

Course Code:[IT451]

I. Basic Course Information

Major or minor element of program: Major

Department offering the course:[Information Technology Department]

Academic level:[400 Level]

Semester in which course is offered:[First (fall) Semester]

Course pre-requisite(s): [Computer Networks-2 IT322]

Credit Hours:3

Contact Hours Through:

Lecture	Tutorial*	Practical*	Total
2.5	0.0	1.5	4.0

* 1.5 hours for **either** Tutorial or Practical

Approval date of course specification:[September 2014]

II. Overall Aims of Course

Familiarize the student with the basics as well as the recent tools and development of E-Business.]

III. Program ILOs covered by course

Program Intended Learning Outcomes (By Code)			
Knowledge & Understanding	Intellectual Skills	Professional Skills	General Skills
[K9,K19,K21,K22]	[I2,I8,I11,I12]	[P5,P9,P13,P14]	[G2,G9]



IV. Intended Learning Outcomes of Course (ILOs)

a. Knowledge and Understanding

[On completing the course, students should be able to:

- K.1 Explain and generalize the professional, legal, moral and ethical issues relevant to the practices in E-Business systems.
- K.2 Illustrate the various issues (e.g. quality, reliability, and human factors) related to the E-Business systems.
- K.3 Demonstrate an understanding of the fundamental concepts related to the design and development of web-based and internet-based E-Business systems.
- K.4 Demonstrate an understanding of the fundamental concepts, tools, and techniques for the management and evaluation of E-Business system.]

b. Intellectual/Cognitive Skills

[On completing the course, students should be able to:

- I.1 Distinguish between the concepts, principles, theories, and practices the basic E-Business systems.
- I.2 Design, set up models, and plan solution strategies for E-Business systems, taking into consideration tradeoffs, limitations (costs, benefits, and environmental impact), and quality constraints (safety and reliability).
- I.3 Analyse problems and assess the relevance and adequacy of information, set goals towards solving them, and formulate the necessary systems requirements.
- I.4 Summarize the solution strategies for E-Business systems.
- I.5 Recognize the professional, moral and ethical issues of involved in the exploitation of different E-Business systems]

c. Practical/Professional Skills

[On completing the course, students should be able to:

- P.1 Measure E-Business systems in terms of general quality attributes and possible tradeoffs presented.
- P.2 Employ publicly available software (such as APIs or open source software) to implement E-Business solutions.
- P.3 Apply research skills, through the use of online resources, technical repositories and library-based material.
- P.4 Evaluate the efficiency and effectiveness of E-Business solutions using appropriate techniques.]

d. General and Transferable Skills

[On completing the course, students should be able to:

- G.1 Ability to work as a team member.
- G.2 Independent critical thinking and problem solving skills.]



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V. Course Matrix Contents

	Main Topics / Chapters	Duration (Weeks)	Course ILOs Covered by Topic (By ILO Code)			
			K & U	I.S.	P.S.	G.S.
1-	Introduction	1	[K1]	[I1]	[]	[]
2-	E-business technology	2	[K1,K2]	[I1]	[P1]	[]
3-	E-business market and models	1	[K1,K2,K3,K4]	[I1,I2]	[P1,P4]	[]
4-	The Internet: law, privacy, trust and security	1	[K1]	[]	[]	[]
5-	The management of e-business	2	[K4]	[I2,I3,I4]	[]	[]
6-	Formulation of e-business strategy	2	[K1]	[I1]	[P3,P4]	[G2]
7-	Implementation of e-business strategy	1	[]	[I2]	[P3,P4]	[G1]
8-	Evaluation of e-business strategy	1	[K4]	[I1]	[P3,P4]	[G2]
9-	Case studies of e-business	2	[]	[]	[P1]	[G2]
Net Teaching Weeks		13				

VI. Course Weekly Detailed Topics / hours / ILOs

Week No.	Sub-Topics	Total Hours	Contact Hours	
			Theoretical Hours	Practical Hours*
1	Introduction	2.5	2.5	
2	E-business technology	4	2.5	1.5
3	E-business technology	4	2.5	1.5
4	E-business market and models	4	2.5	1.5
5	The Internet: law, privacy, trust and security	4	2.5	1.5
6	The management of e-business	4	2.5	1.5
7	Midterm Exam			
8	The management of e-business	4	2.5	1.5
9	Formulation of e-business strategy	4	2.5	1.5
10	Implementation of e-business strategy	4	2.5	1.5
11	Evaluation of e-business strategy	4	2.5	1.5
12	Evaluation of e-business strategy	4	2.5	1.5
13	Case studies of e-business	4	2.5	1.5
14	Case studies of e-business	4	2.5	1.5
15	Final Exam			
Total Teaching Hours		51	33	18

* No Practical/Tutorial during the first week of the semester



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VII. Teaching and Learning Methods

Teaching/Learning Method	Selected Method	Course ILOs Covered by Method (By ILO Code)			
		K & U	Intellectual Skills	Professional Skills	General Skills
Lectures & Seminars	*	All	All	All	All
Tutorials	*	All	All	All	
Computer lab Sessions					
Practical lab Work					
Reading Materials	*	All	All	All	All
Web-site Searches	*	All	All	All	All
Research & Reporting					
Problem Solving / Problem-based Learning					
Projects					
Independent Work					
Group Work	*	All	All	All	All
Case Studies					
Presentations					
Simulation Analysis					
Others (Specify):					

VIII. Assessment Methods, Schedule and Grade Distribution

Assessment Method	Selected Method	Course ILOs Covered by Method (By ILO Code)				Assessment Weight / Percentage	Week No.
		K & U	I.S.	P.S.	G.S.		
Midterm Exam	*	All	All	All	All	20%	7
Final Exam	*	All	All	All	All	60%	15
Quizzes							
Course Work	*	All	All	All	All	20%	
Report Writing							
Case Study Analysis							
Oral Presentations							
Practical							
Group Project							
Individual Project							
Others (Specify):							



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IX. List of References

Essential Text Books	<ul style="list-style-type: none">• [Introduction to E-business Management and strategy, by Collin Combe, 2006]
Course notes	<ul style="list-style-type: none">• [None]
Recommended books	<ul style="list-style-type: none">• [None]
Periodicals, Web sites, etc ...	<ul style="list-style-type: none">• [Various]

X. Facilities required for teaching and learning

[List the facilities required <ul style="list-style-type: none">• Internet Connection• Labs• Classes]
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Course coordinator:[Prof. Hesham El Mahdy]

Head of Department:[Prof. Reda Abd el-Wahab]

Date: September 2014