



## Course Specification

**Course Name:**[E-Learning ]

**Course Code:**[IT452]

### 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: Second (spring) Semester]

Course pre-requisite(s): [IT433 - Multimedia ]

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:[January 2015]

### II. Overall Aims of Course

[Familiarize the student with the basics as well as the recent advances of E-learning management system. ]

### III. Program ILOs covered by course

Program Intended Learning Outcomes (By Code)			
Knowledge & Understanding	Intellectual Skills	Professional Skills	General Skills
[ K1,K19,K21,K23 ]	[I14,I16 ]	[P12,P14,P17 ]	[G2,G8 ]



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### IV. Intended Learning Outcomes of Course (ILOs)

#### a. Knowledge and Understanding

On completing the course, students should be able to:

- K.1 Identify concepts of e-learning.
- K.2 Define different means of delivering e-learning.
- K.3 Describe learning management system (LMS).
- K.4 Identify maintenance and evaluation issues of e-learning systems. ]

#### b. Intellectual/Cognitive Skills

On completing the course, students should be able to:

- I.1 Plan and design a learning management system (LMS).
- I.2 Demonstrate the choice of delivering e-learning techniques and the advantage and disadvantage associated with each. ]

#### c. Practical/Professional Skills

On completing the course, students should be able to:

- P.1 Develop LMS.
- P.2 Maintain & secure LMS.
- P.3 Modify user mode. ]

#### d. General and Transferable Skills

On completing the course, students should be able to:

- G.1 Improve management skills.
- G.2 Improve team work skills.
- G.3 Acquire better work ethics through valuing individual effort and strictly prohibiting plagiarism. ]

### 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-	Designing E-learning ]	2 ]	[K1,K2 ]	[All ]	[All ]	[G1 ]
2-	Absorb Type Activites ]	1 ]	[K1,K2 ]	[All ]	[All ]	[G2 ]
3-	Do Type Activities ]	1 ]	[K1,K2 ]	[All ]	[All ]	[G2 ]
4-	Connect Type Activities ]	1 ]	[K1,K2 ]	[All ]	[All ]	[G2 ]
5-	[Tests for success of e-learning ]	2 ]	[K2,K3 ]	[All ]	[All ]	[All ]
6-	[design learning objects to cover broad areas ]	2 ]	[K2,K3 ]	[All ]	[All ]	[All ]
7-	[Strategic decisions ]	1 ]	[K2,K3 ]	[All ]	[All ]	[All ]
8-	Designing for the virtual classroom	[1]	K2,K3,K4		All	All
9-	Visual Display	[1]	K3,K4		All	All
10-	Navigation ]	1 ]	[K3,K4 ]	[ ]	[All ]	[All ]
	<b>Net Teaching Weeks</b>	<b>13</b>				



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VI. Course Weekly Detailed Topics / hours / ILOs

Week No.	Sub-Topics	Total Hours	Contact Hours	
			Theoretical Hours	Practical Hours*
1	Designing E-learning	2.5	2.5	
2	Designing E-learning	4	2.5	1.5
3	Absorb Type Activities	4	2.5	1.5
4	Do Type Activities	4	2.5	1.5
5	Connect Type Activities	4	2.5	1.5
6	Tests for success of e-learning	4	2.5	1.5
7	<b>Midterm Exam</b>			
8	Tests for success of e-learning	4	2.5	1.5
9	design learning objects to cover broad areas	4	2.5	1.5
10	design learning objects to cover broad areas	4	2.5	1.5
11	Strategic decisions	4	2.5	1.5
12	Designing for the virtual classroom	4	2.5	1.5
13	Visual Display	4	2.5	1.5
14	Navigation	4	2.5	
15	<b>Final Exam</b>			
<b>Total Teaching Hours</b>		<b>51</b>	<b>33</b>	<b>18</b>

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

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	<input type="checkbox"/>	[All]	[All]	<input type="checkbox"/>	<input type="checkbox"/>
Tutorials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer lab Sessions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Practical lab Work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	[All]	<input type="checkbox"/>
Reading Materials	<input type="checkbox"/>	[All]	[All]	<input type="checkbox"/>	<input type="checkbox"/>
Web-site Searches	<input type="checkbox"/>	[All]	[All]	<input type="checkbox"/>	<input type="checkbox"/>
Research & Reporting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All Problem Solving / Problem-based Learning	<input type="checkbox"/>	[All]	[All]	[All]	<input type="checkbox"/>
Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	[All]	[All]
Independent Work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All Group Work	<input type="checkbox"/>	[All]	[All]	<input type="checkbox"/>	[All]
Case Studies	<input type="checkbox"/>	[All]	[All]	[All]	<input type="checkbox"/>
Presentations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simulation Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Others (Specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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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 ]	[ ]	[ ]	[15% ]	7
Final Exam	[ ]	[All ]	[All ]	[ ]	[ ]	60%	15
Quizzes	[ ]	[All ]	[ ]	[ ]	[ ]	[5% ]	[5,9 ]
Course Work	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Report Writing	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Case Study Analysis	[ ]	[ ]	[ ]	[ ]	[ ]	[5% ]	[8 ]
Oral Presentations	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Practical	[ ]	[ ]	[All ]	[All ]	[ ]	[5% ]	[Every week ]
Group Project	[ ]	[ ]	[All ]	[All ]	[All ]	[10% ]	[12 ]
Individual Project	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Others (Specify):	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

IX. List of References

<b>Essential Text Books</b>	• [E-Learning by Design, by William Horton, 2007.]
<b>Course notes</b>	• [Lecture Slides and Notes ]
<b>Recommended books</b>	• [None ]
<b>Periodicals, Web sites, etc....</b>	• [Various ]

X. Facilities required for teaching and learning

[List the facilities required • Web-based platform ]
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Course coordinator:[Prof.Hesham El Mahdy]

[Head of Department:Prof.Hesham El Mahdy]

Date: [January 2015 ]