



**The University of Jordan**

**Accreditation & Quality Assurance Center**

**COURSE Syllabus**

<b>1</b>	<b>Course title</b>	E- Learning and Applications
<b>2</b>	<b>Course number</b>	<b>1904355</b>
<b>3</b>	Credit hours (theory, practical)	3 theory
	Contact hours (theory, practical)	3 theory
<b>4</b>	Prerequisites/corequisites	1904353
<b>5</b>	Programtitle	Business Information Technology
<b>6</b>	Programcode	4
<b>7</b>	Awarding institution	The university of Jordan
<b>8</b>	Faculty	King Abdullah II School for Information Technology
<b>9</b>	Department	Business Information Technology Department
<b>10</b>	Level of course	3 <sup>rd</sup> year
<b>11</b>	Year of study andsemester (s)	Any
<b>12</b>	Final Qualification	Bachelor(Bsc)
<b>13</b>	Other department(s) involved in teaching the course	none
<b>14</b>	Language of Instruction	English
<b>15</b>	Date of production/revision	
<b>16</b>	Required/ Elective	Elective

**17. Course Coordinator:**

Officenumbers  
12-1 Sunday, Tuesday, Wednesday  
22678  
o.harfoushi@ju.edu.jo

**18. Other instructors:**

*None*

**19. Course Description:**

This course introduces students to the concept of Electronic Learning and its applications within today's fast-paced, dynamic, and global environment.

## 20. Course aims and objectives

### A- Aims:

Electronic learning is considered to be a major educational innovation; it becomes more and more important in today's knowledge-based economy. This course will provide the students with a basic introduction to electronic learning concepts, techniques and technologies, Historical background and current trends in e-learning, Concepts and foundations of best practices for successful online learning, learning management systems, and web-based technology tools. Many application of e-learning will be discussed with a wide variety of online communication tools

Enable students to:

1. Understand the meaning of Electronic Learning and describe the important of implementing its applications within organizations.
2. Understand the different forms of e-learning methodologies that can be used in organizations.
3. Understand the management issues about the e-learning success inside organization.
4. Understand the technology issues that make the e-learning applications work inside organizations.
5. Understand the Pedagogical issues such as content developing, design analysis and learning strategy that help in adopting these technologies

### B- Intended Learning Outcomes (ILOs):

**Successful completion of this course should lead to the following learning outcomes:**

#### A- Knowledge and Understanding: Students should ...

- A1. Understand e-learning concepts, types, models, structures, operations, controls, security, and development environment.
- A2. Illustrate how the creative use of e-learning can give an organization a competitive advantage.
- A3. Learn the advantages and disadvantages of e-learning.
- A4. Understand how to use learning management system to create and manage courses, activities and communities online.
- A5. Understand how to use learning management system to create and manage courses, activities and communities online.

#### B- Intellectual skills: with the ability to ...

- B1. Analyze and compare the advantages of e-learning in increasing employee productivity.
- B2. Design new simple systems like to improve learning in organizations
- B3. Think how to improve team collaboration by using, Collaboration system, Groupware.

#### C- Subject specific skills – with ability to ...

- C1. See how the OLTP, TPS, MRP, MPS, PM, can work.
- C2. Implement practical cases.

#### D- Transferable skills – with ability to

- D1. Discuss and work in a group in order to design and write the specification of a new case .
- D2. Work in a group in order to newly designed cases.
- D3. Work with other groups in order to make different implementations, of the same case specification.
- D4. Present the final work (project) and make a demo

**21. Topic Outline and Schedule:**

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
OPEN, FLEXIBLE AND DISTRIBUTE LEARNING Introduction What is E-Learning? Open, Flexible, and Distributed Learning Environment A Framework for E-Learning Components and Features of E-Learning	1-3	All	A1 A2 A3 A4 A5 B1	<b>T:</b> Lecture <b>L:</b> Reading lecture notes and Chap 1 A: in Class questions	Reading from (Text book)
INSTITUTIONAL ISSUES Administrative Affairs Academic Affairs Student Services	4-6	All	A1 A2 A3 B2	<b>T:</b> Lecture and presentation <b>L:</b> Reading lecture notes and Chap 2 A: in Class cases	Reading from (Text book)
Midterm Exam		All			
MANAGEMENT ISSUES People, Process and Product (P3) Continuum Management Team Managing ELearning	7-9		A1 A2 C2	<b>T:</b> Lecture and presentation <b>L:</b> Reading lecture notes and Chap 3 A: Home work assignments	Reading from (Text book)
Short Exam		All			
TECHNOLOGICAL ISSUES Infrastructure Planning Hardware Software	10-12		A2 B2 C2 D1	<b>T:</b> Present examples <b>L:</b> Reading lecture notes and Chap 4 A: Quiz	Reading from (Text book)
PEDAGOGICAL ISSUES Content Analysis Audience Analysis Goal Analysis Medium Analysis Design Approach Organization Learning Strategies Blending Strategies	13-15	All	A2 B3 D2 D3	<b>T:</b> Present examples <b>L:</b> Reading lecture notes and Chap 5 A: Quiz	Reading from (Text book)
Final Exam		All			

**22. Teaching Methods and Assignments:**

Development of ILOs is promoted through the following teaching and learning methods:

Lecture, lab and presentation

**23. Evaluation Methods and Course Requirements:**

Teaching (T) Strategies

Class Contact is 3 Hours per week. The Course will be delivered using different means like lecture, presentations, seminars, discussion and case studies.

Learning (L) Methods

Students attend classes, ask questions and participate in discussions, do the home works, present the assignments and demo their works. A student will use the lab and select a programming language to implement the assignments. Students will access the e-learning platform for more instruction and supported learning materials

**Assessment (A) Methods**

There will be several assessment methods of evaluation the performance of the students such as attending and class participation, grading the homework, quizzes and assignments; conducting the Midterm and the Final Exams. Every student is expected to completely adhere to the assignments and project strict deadlines, absolutely no exceptions will be given.

**24. Course Policies:****A- Attendance policies:**

Maximum allowable absence 15% of number of Lectures/Semester

**B- Absences from exams and handing in assignments on time:**

It is the student's responsibility to ensure that he/she is aware of all assignments, announcements and contents of missed sessions

**C- Health and safety procedures:**

Practical sessions need labs which are suitable adjustable chairs, safe computers and wires should be well organized.

**D- Honesty policy regarding cheating, plagiarism, misbehavior:**

It is the student's responsibility to ensure that he/she is adhere with cheating, plagiarism, misbehaviour

**E- Grading policy:****Intended (Tentative) Grading Scale:**

Range	LG	الحرف	Range	LG	الحرف	Range	LG	الحرف
91 - 100	A	أ	74 - 77	B-	ب-	56 - 60	D+	د+

86 - 89	A-	أ-	70 - 73	C+	+ج	50 - 55	D	د
82 - 85	B+	+ب	66 - 69	C	ج	45 - 49	D-	-د
78 - 81	B	ب	61 - 65	C-	-ج	0 - 44	F	هـ

### Grading and Evaluation Criteria: 100 points distributed as follows:

Weight	Criteria	Comments
30%	MidTerm Exam (Automated)	TBA (in due course)
10%	Short Exam (Automated)	TBA (in due course)
10%	Seminar & Presentation	Class participation
50%	Final Exam	TBA (in due course)

### F- Available university services that support achievement in the course:

Computer Labs.

### 25. Required equipment:

- 1- Personal computers in a lab.
- 2- Data show

### 26. References:

Clark & Mayer, 2013, "e-Learning and the Science of Instruction: Proven Guidelines for Consumers and Designers of Multimedia Learning", 3<sup>rd</sup> edition.

Horton, W., 2011, "e-Learning by Design", 2<sup>nd</sup> Edition.

### 27. Additional information:

- Tardiness and/or absenteeism will have a negative impact on the course grade.
  - الامتناع المدير عن حضور المحاضرات أو الدروس أو عن الأعمال الأخرى التي تقضي الأنظمة بالمواظبة عليها ، وكل تحريض على هذا الامتناع سوف يؤدي الى حرمان الطالب من المادة المعنية.
  - في حالة التغيب عن الامتحانين الأول و الثاني لن يكون هناك امتحان تعويضي الا في حالة وجود عذر وحالة طارئة من المستشفى. على الطالب براز العذر لمدرس المادة في فتره لا تتجاوز الثلاثة ايام من تاريخ الامتحان. وللمدرس الحق في قبول او رفض العذر , وحسب التعليمات.
- Concerns or complaints should be expressed in the first instance to the module lecturer; if no resolution is forthcoming then the issue should be brought to the attention of the module coordinator (for multiple sections) who will take the concerns to the module representative meeting. Thereafter problems are dealt with by the Department Chair and if still unresolved the Dean and then ultimately the Vice President. For the final complaints, there will be a committee to review grading the final exam.

For more details on University regulations please visit <http://www.ju.edu.jo/rules/index.htm>

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department  
Assistant Dean for Quality Assurance  
Course File