



**The University of Jordan**

**Accreditation & Quality Assurance Center**

**Course Syllabus**

**Course Name:**

1	Course title	Decision support system
2	Course number	5201334
3	Credit hours (theory, practical)	3 hours
	Contact hours (theory, practical)	
4	Prerequisites/corequisites	5201212
5	Program title	Business Management
6	Program code	01
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of management and finance
9	Department	Business department
10	Level of course	Third year
11	Year of study and semester (s)	2017/2018
12	Final Qualification	Bachelor
13	Other department (s) involved in teaching the course	
14	Language of Instruction	English
15	Date of production/revision	2018/2019

**16. Course Coordinator:**

*Office numbers, office hours, phone numbers, and email addresses should be listed.*

**17. Other instructors:**

*Office numbers, office hours, phone numbers, and email addresses should be listed.*

**18. Course Description:**

*As stated in the approved study plan.*

**19. Course aims and outcomes:**

<p><b>A- Aims:</b></p> <p><b>The aim of this course is to give the student a clear understanding of the importance of the decision support systems in the public and private sectors. And their relationship to decision support systems and mathematical models (quantitative).</b></p> <p><b>B- Intended Learning Outcomes (ILOs):</b> Upon successful completion of this course students will be able to ...</p>
<p>Knowledge and Understanding</p> <p>A1) Recognize the role of Decision (and other Management) Support Systems and their potential for assisting in organizational and individual decision making. (ABET J.3)</p> <p>A2) Identify potential effects of cognitive biases and groupthink, which affect individual and groups of decision makers. (ABET H.3)</p> <p>A3) identify the types of problems that may be addressed effectively through the use of Decision Support Systems and Intelligent Systems. (ABET J.5)</p> <p>A4) Recognize user interface issues in the development of systems to aid decision makers.</p>
<p>B. Intellectual Skills</p> <p>B1) Develop students' critical thinking, analytical reasoning, and problem solving skills (ABET H.3)</p> <p>C. Practical Skills</p> <p>C1) Plan for a major Group project and successfully execute the steps in the plan.</p> <p>C2) Create models of Decisions using a variety of notations and techniques (ABET G.3)</p> <p>D. Transferable Skills</p> <p>D1) Ability to schedule tasks in order of importance</p> <p>D2) Ability to manage Communication, Responsibility and teamwork effectively</p>

**20. Topic Outline and Schedule:**

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Decision Support Systems And Business Intelligence	1+2				Chap 1
Decision-Making Systems, Modeling, And Support	3+4				Chap2
Decision Support Systems Concepts, Methodologies, And Technologies: An Overview	5+6				Chap3
	First Exam	First Exam	First Exam	First Exam	Chapter1+2+3
Modeling And Analysis	7+8+9				4
Business					chap5+7

Intelligence					
	10				
System Development And Acquisition	11+12				chap15
Collaborative Computing Technologies: Group Support Systems	13+14				chap10
Knowledge Managemen	15				Chap 11

### 21. Teaching Methods and Assignments:

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

Interactive lectures 36 ,Assignments and Presentation 3 , Online search / research and short presentation 3  
Assignments Textbook Problems 4 , Companion Web Site and online lecture notes

### 22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

### 23. Course Policies:

Attendance Policy: University regulations apply to attendance.

- Academic Honesty: Academic dishonesty is an unacceptable mode of conduct, and will not be tolerated in any form at University of Jordan . All persons involved in academic dishonesty and plagiarism in any form will be disciplined in accordance with University rules and regulations.

### 24. Required equipment:

**25. References:**

- 1- Textbook (s): Decision Support Systems and Intelligent Systems 8th edition, Turban & Aronson
- 2- 3- Other Resources: Recommended web sites.: <http://dssbibook.com/> <http://www.teradata.com/t/>

**26. Additional information:**

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