The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	**Course title**	Decision Support Systems
2	**Course number**	1904332
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	
4	Prerequisites/corequisites	Business Intelligence (1904371)
5	Programtitle	Business Information Technology
6	Programcode	04
7	Awarding institution	The University of Jordan
8	Faculty	King Abdullah II for Information Technology
9	Department	Department of Business Information Technology
10	Level of course	Bachelor
11	Year of study andsemester (s)	@nd Year, 2nd Semester
12	Final Qualification	
13	Other department(s) involved in teaching the course	
14	Language of Instruction	English
15	Date of production/revision	
16	Required/ Elective	Required

17. Course Coordinator: Dr. Bashar Al-Shboul

Office 305
Officehours: M/W 12:30 – 2:00
Office phonenumber: 22640
E-mail: b.shboul@ju.edu.jo

18.Other instructors: Dr. Hossam Faris

Office 307
Officehours: M/W 11:00 –12:30
Office phonenumber: 22634
E-mail: hossam.faris@ju.edu.jo

19. Course Description:

This course aims to provide students with fundamental knowledge on decision support systems for managers and IS developers. This course explores topics in computer-based Decision Support Systems with a practical focus on the application of information technology to the solution of management problems. Topics include Management Support Systems, decision making systems, Data mining for business and intelligent system.

20. Course aims and outcomes:

A- Aims:

This course aims to provide students with fundamental knowledge on decision support systems for managers and IS developers. This course explores topics in computer-based Decision Support Systems with a practical focus on the application of information technology to the solution of management problems. Topics include Management Support Systems, decision making systems, Data mining for business and intelligent system.

B- Intended Learning Outcomes (ILOs): Upon successfulcompletionof thiscoursestudentswillbeableto…

1) Provide students with the main concepts of Decision Support System (DSS) and management sciences
2) Study the components of DSS and the main players who participate in the decision process.
3) Study different types of modeling and analysis.
4) Explain key areas contributing to DSS such as knowledge acquisition, expert system and knowledge base systems
5) Study group decision support and groupware technologies within organizations

21. Topic Outline and Schedule:

1.

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
2. Introduction to Decision support systems	3. 1-4	4.	5. 1,2,4,5	6. Exam & Lab Worksheet	7.
8. Modeling, Analysis and Applications	9. 6-10	10.	11. 1, 3	12. Exam & Lab Worksheet	13.
14. Data mining in Business	15. 11-15	16.	17. 1,3,4	18. Exam & Lab Worksheet	19.

20.

22. Teaching Methods and Assignments:

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

21. provided worksheets & manuals for the tools and concepts taught in the class

23. Evaluation Methods and Course Requirements:

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

22. Midterm and Final Exams
23. Individual assessment through a set of provided worksheets

24. Course Policies:

A- Attendance policies:

Maximum allowable absence 15% of number of lectures per semester (including sick leaves)

B- Absences fromexams andhandinginassignmentson time:

Every student is expected to completely adhere to the exams dates and projects strict deadlines, absolutely no exceptions will be given

C- Health and safetyprocedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Every student is expected to work on his own assignments & projects on his own, any detected plagiarized sections/parts will cause the student to fail the course immediately, and his case will be reported to the department chair to take an academic action.

E- Grading policy:

Weight	Criteria
25%	Midterm Exam (Written)
25%	Lab work
50%	Final Exam

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

25. Required equipment:

26. References:
A- Required book (s), assigned reading and audio-visuals:
Turban, Sharda, and Delen, Decision Support and Business Intelligence Systems, 9/e
B- Recommended books, materials, and media:

27. 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