The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	**Course title**	Information Security Risk Management
2	**Course number**	**1904434**
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	1901362
5	Programtitle	Business Information Technology
6	Programcode	4
7	Awarding institution	The university of Jordan
8	Faculty	King Abdullah II School for Information Technology
9	Department	Business Information Technology Department
10	Level of course	1nd year
11	Year of study andsemester (s)	NEW COURSE
12	Final Qualification	Bachelor(Bsc)
13	Other department(s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	Last update: 9/2015
16	Required/ Elective	Required

17. Course Coordinator:

Dr. Ja'far Alqatawna
KASIT 3rd floor office# 312 or office# 302
2-3:30 Sunday, Tuesday, Wednesday

j.alqatawna@ju.edu.jo

18.Other instructors:

19. Course Description:

Having completed this course student will gain such a working knowledge of concepts, principles, techniques and methodologies needed to manage information security related risks within organizations. Therefore, it has been designed to provide the student with the required skills to perform a systematic information security risk management process including identification and evaluating operationally critical threats, assets, and vulnerabilities that are often rooted in organizational and business concerns. Topics include threats, vulnerabilities, exploits, and countermeasures, standards and best practices, risk assessment and mitigation, business impact analysis, and business continuity and disaster recovery planning and evaluating perimeter security such firewall technologies, Intrusion detection/prevention systems, SIEM technologies. Weekly lab session.

20. course aims and objectives

INTENDED COURSE OUTCOMES

1- List and discuss the key characteristics of information security risk management.

2- Define risk management and its role in the organization.

3- Describe risk management techniques to identify and prioritize risk factors for information assets.

4- Explain how risk is assessed based on the likelihood of adverse events and the effects on information assets when events occur.

5- Recognize the strategy options used to control risk and be prepared to select from them when given background information.

21. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Reading from textbook
Introduction to the Management of Information Security	1-2		1 2	TBA
Security Policy and planning	3		1 2	
Asset identification	4		3	
Threats and vulnerabilities identification	5		3	
Identifying and Assessing Risk	6		3 4	
Controlling Risk	7		4	
Business continuity& Disaster Recovery	8-9		5	
Security Risk Management standards	10-11		All	
Case study	12-13		All	

22. Teaching Methods and Assignments:

Development of ILOs is promoted through the following <u>teaching and learning methods</u>:

Lecture, lab and presentation

23. Evaluation Methods and Course Requirements:

24. Course Policies:

A- Attendance policies:

Maximum allowable absence 15% of number of Lectures/Semester

B- Absences fromexams andhandinginassignmentson time:

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

25. Required equipment:

1- Personal computers in a lab.

2- Data show

3- text editor and web browser

26. References:

Textbook

TBA

27. Additional information:

Tardiness and/or absenteeism will have a negative impact on the course grade.

الامتناع المدبر عن حضور المحاضرات أو الدروس أو عن الأعمال الاخرى 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: --------------------------------

<u>Copy to:</u>
Head of Department
Assistant Dean for Quality Assurance
Course File