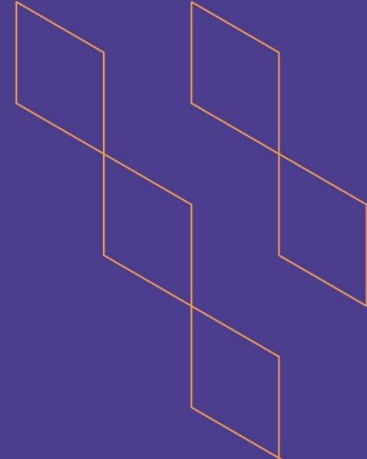




T-104
2022

Course Specification



Course Title:	IT Risk Management
Course Code:	IT11005
Program:	Information Technology
Department:	Information Technology
College:	Computer science and Information Technology
Institution:	AL-Baha University
Version:	2022
Last Revision Date:	29/3/2023



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A. General information about the course:

Course Identification	
1. Credit hours:	3
2. Course type	
a.	University <input type="checkbox"/> College <input type="checkbox"/> Department <input type="checkbox"/> Track <input type="checkbox"/> Others <input type="checkbox"/>
b.	Required <input type="checkbox"/> Elective <input checked="" type="checkbox"/>
3. Level/year at which this course is offered: 10th/4th Year	
4. Course general Description	
.	
5. Pre-requirements for this course (if any):	
6. Co- requirements for this course (if any):	
7. Course Main Objective(s)	
<p>The main objective for this course is to explain the basic terms and concepts of Risk Management as it applies to I&T risk. • Describe the purpose, objectives and importance of risk governance and risk management. • Summarize the risk management process and workflow. • Describe the relationship between assets, risk factors, threats, and vulnerabilities • Describe the use and benefits of risk scenarios • Explain the process and methods used to complete risk identification. • Describe elements and steps necessary to complete risk assessment and analysis • Detail the risk response process and options available. • Outline the importance of an ongoing risk monitoring process and a proactive and continuous approach to risk management.</p>	

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	33	100%
2.	E-learning		
3.	Hybrid <ul style="list-style-type: none"> • Traditional classroom • E-learning 		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	33
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	





5.	Others (specify)	
	Total	33



B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Build on a foundational understanding of risk management to include the definitions of risk, related elements, risk management, response	K1	Lectures Class discussions	Midterm Exam
1.2	Describe the purpose, objectives and importance of risk governance and risk management	K2	Lectures Class discussions	Midterm Exam
...				
2.0	Skills			
2.1	Explain the process and methods used to complete risk identification	S1	Lectures Assignments	Midterm Exam Report Final Exam
2.2	Explain the basic terms and concepts of Risk Management as it applies to I&T risk.	S2	Lectures Assignments	Homework Quiz Final Exam
2.3	Summarize the risk management process and workflow	S3	Lectures Assignments	Homework Quiz Final Exam
2.4	Explore the use of methodologies and tools for risk management	S4	Report Case-based discussion	Oral Presentations
3.0	Values, autonomy, and responsibility			
3.1	Communicate effectively and collaborate with peers	V1	<ul style="list-style-type: none"> • Assignments • Oral Presentations 	<ul style="list-style-type: none"> • Reports • Presentations • Class Discussions



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	on IT Risk Management topics.			
3.2				
...				

C. Course Content

No	List of Topics	Contact Hours
1.	Risk Introduction and Overview	3
2.	Risk Governance and Management	3
3	Risk Identification	3
4	Risk Assessment and Analysis	3
5	Risk Response	3
6	Risk Monitoring, Reporting, and Communication	3
7	Methods for managing and assessing risk (NIST, OCTAVE, FRAP, COBRA, Risk Watch, F	6
8	Risk treatment (mitigation, transference, acceptance, avoidance	3
9	Development of risk management methods	3
10	Risk management strateg	3
Total		33

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Homework	Week 2 till Week 9	15%
2.	Report, presentation, and Class discussions	Week 10	15%
3.	Midterm exam	Week 6	20%
4.	Final Exam	Week 12	50%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)





E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Jake Kouns, Daniel Minoli, 2010, Information Technology Risk Management in Enterprise Environments: A Review of Industry Practices and a Practical Guide to Risk Management Teams, John Wiley & Sons, In
Supportive References	IT Governance Institute, COBIT 5 Enabling Process, CO
Electronic Materials	<ul style="list-style-type: none"> • Access to the Saudi Digital Library (SDL). • Using the learning management system of the university – Rafid System (https://lms.bu.edu.sa/). <p>IEEE/ACM Transactions on Networking https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=90</p>
Other Learning Materials	ISO 31000:2009 Risk Management

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	<ul style="list-style-type: none"> • A classroom or lecture hall with whiteboard for 25 students.
Technology equipment (projector, smart board, software)	
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	<ul style="list-style-type: none"> • Students • Peer Reviewer • Program Leaders 	<ul style="list-style-type: none"> • Survey (indirect) • Peer review (direct) Class visit (direct)
Effectiveness of students assessment	<ul style="list-style-type: none"> • Students • Exam Evaluation Committee • Course Coordinator 	<ul style="list-style-type: none"> • Survey (indirect) • Exam Review (direct) review of course file (direct)
Quality of learning resources	Faculty Students	<ul style="list-style-type: none"> • Survey (indirect)





Assessment Areas/Issues	Assessor	Assessment Methods
The extent to which CLOs have been achieved	<ul style="list-style-type: none"> • Faculty • Program Leaders or Course Coordinator 	<ul style="list-style-type: none"> • Exams (direct) Exit Exams (direct)
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

