

Information Technology Risk Management (ITRM)

Credits	1.5
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Program	MBA (Executive)
Term and Academic Year	Term IV, EMBA 2018-2019

Introduction

Most of the business organizations have their risk management system, known as ERM (Enterprise Risk Management), or GRC(Governance, Risk Management, and Compliance). A high adoption of IT in the business organizations has added many business risks that needs a serious IT risk management. The course talks about: (1) Risk, (2) Risk Management, (3) Enterprise Risk Management, (4) IT Risk Management. The course would be useful who aspire to be IT Risk Officer/Chief Risk Officer/Consultants.

Student Learning Outcomes

- What is IT Risk Management, and why do we need it
- How to carry out IT Risk management in an organization
- How to carry out Enterprise Risk management
- Exposure to tools, techniques, and framework used in Enterprise Risk management and IT Risk management

Textbooks/Reference Books

- Fundamentals of Risk Management: Understanding, Evaluating and Implementing Effective Risk Management by Paul Hopkins
- IT Risk: Turning Business Threats into Competitive Advantage by George Westerman

Tentative Session Plan

Session	Module	Study Material	Remark
1-2	Introduction - About Me; About You; About the Course; Setting the Context; Risk and Uncertainties, Risk, Objectives, and Controls, Risk Classification System, Risk Description, Risk Appetite, why risks have a negative meaning?	Handout	Case Study, Exercise, Tools, and Techniques
3-4	Risk Management – What, and Why; Risk Management Approach - How; Traditional Risk Management; Contemporary Risk Management; Governance, Risk and Compliance (GRC); Introduction to Various Frameworks and Standard; Earned Value Management – A Complementary Approach to Risk Management	Handout	
5	Enterprise Risk Management - What and Why; Evolution of ERM; ERM Frameworks – ISO 31000, COSO ERM	Handout	
6-7	IT Risk Management – What, Why, and How; Cobit 5, Cobit 2019;	Handout	
8-9	Cobit 5 for Risk – A well-established framework; Using Cobit 5 for Risk, ITRM Case Study	Handout	
10	Summary and Wrap-up	Handout	

Tentative Evaluation Plan

- Class Tests: 30%
- Class Participation: 10%
- Assignment (Individual): 20%
- End-term: 40%

Academic Integrity

- **Attendance:** I will mark you ABSENT if you are not present in the classroom at the time of attendance. The attendance policy of the school will be enforced.
- **Class participation:** I suppose you to take part in the class discussion. **I do not permit use of any electronic device (mobile, laptop, and so on) during the session.** In case, I find you using them, I would award you ZERO in class performance component of the evaluation.
- **Plagiarism:** Zero tolerance if any plagiarism is detected in the assignment and individual project. You will be awarded ZERO if plagiarism is detected in your assignment.
- **Assignment and project submission dates:** Students should adhere to the deadlines for assignment submission. I will entertain no reason if you miss the deadline.
- **Content of the course:** The faculty may modify the course outline/evaluation composition at his discretion during the course.