



Arab Academy for Science and Technology and Maritime Transport

Course code	Course Name	Course prerequisites
FIN412E	Insurance and Risk Management	FIN311E & FIN321E

Course aim

This course is designed to introduce and discuss various risk management concepts, tools, and techniques in global context Using integrated approaches, the course will emphasize discussion on the design and implementation of risk management practices. It focuses on interest rate risk, market risk, liquidity risk, credit risk and operational risk. Basically, it purports to help students realize, understand, and master various state-of-the-art risk management theories and practices (such as loss financing, and internal risk reduction mechanisms) as well as their advancement in the future.

Course objectives

- To provide students with a comprehensive perspective on risk management and insurance concepts, tools, and techniques;
- To develop analytical and integrative thinking in understanding and implementing the risk management practices;
- To arouse the sense of business through an experiential approach, especially in the completion of assignments;
- Implement risk management strategies.
- Explain the basics of insurance and how it is applied in society at large.

Course topics

The course will cover the following main topics:

- Introduction to Risk Management.
- Enterprise Risk Management.
- Risk and return and risks of financial intermediation.
- Interest rate risk, market risk and credit risk.
- Technological and operational risk.
- Foreign exchange risk.
- Sovereign and liquidity risk.
- Securitization.
- Insurance.
- Commercial property insurance.

References

- Rejda, George E., Addison, 11th Ed., "Principles of Risk Management and Insurance", Wesley publishers, Boston, Mass.
- Harrington, S. and G. Niehaus (2004), 2nd edition, "Risk Management and Insurance", Boston: McGraw-Hill.