



COURSE DESCRIPTION

Code	Course Title	Semester hours	URL if any
IS211	Systems Analysis and Design	60	

Current Catalog Description

The objective of this course is to explore the functions and methods of systems development from both a theoretical and applied perspective. Also, to introduce students to the relative complexity of information requirements, systems analysis and design within a business organization, and to introduce students to the concepts, formal techniques, tools and methods used in the analysis, design and implementation of information systems. The course approaches the development of information systems from a problem-solving perspective. This course builds upon concepts to which the student has been exposed to in previous classes.

Textbook

1-Systems Analysis and Design Methods. By Whitten, Bentley, and Dittman. McGraw-Hill/ Irwin. Fifth edition.

References

- 2- Systems Analysis and Design: International Edition, 7/E. Kenneth E. Kendall and Julie E Kendall. Pearson Higher Education. 2008.
- 3-Modern Systems Analysis and Design: International Edition, 5/E. Jeffrey A. Hoffer, Joey F George, and Joseph S Valacich. 2008.
- 4-Systems Analysis and Design, Seventh Edition (Shelly Cashman) by Gary B. Shelly, Thomas J. Cashman, and Harry J. Rosenblatt,2007.

Course Goals

Upon successful completion of the course, student should be able to meet the following specific objectives:

- 1) Be able to perform systems analysis and design in a real-world setting
- 2) Be able to compare and choose intelligently from among methods, tools, and techniques of systems analysis and design
- 3) Contribute as a group member in analysis and design projects
- 4) Manage IS projects throughout the development life cycle
- 5) Participate as a member of a group in the prototyping and rapid application development on an information systems

Prerequisite

IS200