

IS240: Information Systems Analysis & Design

- Credit Hours (lecture, lab, tutorial): **3** (3 + 0 + 1)
- Prerequisites: IS200, CSC212.

Course content: This course is concerned with the fundamental subjects, methods and skills needed to analyze, design and implement computer-based systems. It addresses the role of the systems analyst, and the techniques and technologies used. The structured software development life cycle approach, modeling techniques and development phases are comprehensively discussed. In modeling techniques we thoroughly describe, process modeling, information modeling, system architecture modeling, and object oriented modeling. A project is given to students that should cover all analysis and design phases, and should be done in groups. This course should emphasize the student communication, documentation and modeling skills.