

“System Analysis and Design” Training program (English Material)

Course Length: 9 Hours @ 3 days

Description

This course is designed to provide an understanding, knowledge and appreciation of how a real problem of life is going to be developed, first of all we have to analyse the problem than we have to find the appropriate method for giving the solution of the project. The project management is another important step than we can work with data modeling we can use UML to analysis object oriented data. At the end of this course we will be able to build the whole schema of the project and using some specially tools for creating the system interface of every project

Prerequisites:

General computer knowledge. Familiarity with relational database concepts is helpful but not required.

Outlines

- Role of systems analyst
- The systems development life cycle
- Understand the organizational style and its impact on information systems
- Components of the specifications
 - Structure
 - Function
 - Behavior
 - data
- CASE tool
- Managing analysis and design activities
 - Sampling and investigating data
 - Interviewing
 - questionnaires

- Prototyping
- Dataflow diagram
- Re-engineering and business process
- Preparing the system proposal
- Designing effective output
- Designing effective input
- Database designing
- Designing the user interface
- Quality assurance through software engineering
- Successful implementation of the information system
- Object-oriented systems analysis and design