Course Title: Software Engineering

Duration: Five (5) Days

Class Schedule: 9:00am to 5:00pm


Total Hours: 35 Hours

Course Description: This course introduces the key principles of effective software engineering.

Course Objectives: By the completion of this course, the students will learn the important concepts and principles applied to software engineering.

Course Contents:

- Product of Software Engineering
- Process of Software Engineering
- Project Management and Project Planning
- Risk Management
- Project Scheduling and Tracking
- Configuration Management
- Quality Assurance
- Measurement Analysis
- System Engineering
- Analysis Concepts and Principles
- Analysis Modeling OO Technique
- Analysis Modeling Structured Technique
- Design Concepts and Principles
- Introduction to OO Design
- Identify Design Elements
- Class, Message and Responsibilities
- Structured Design
- Low Level Design
- User Interface Design
- Software Testing Methods
- Object-Oriented Test Strategy
- Software Testing Strategy
- Deployment & Maintenance