

Software Engineering Course outline

Duration: 3-4 months

- Intro & Basic concepts of SW Engineering.
- Software development Process / programming languages.
- Object oriented analysis and design (OOAD)
- Implementation of model a non-model based engineering processes
- Software testing
- Software maintenance
- Requirement gathering
- Problem Analysis

Enhanced skill sets

- JAVA
- J2EE
- Mainframes
- .NET
- J2ME
- Tool identification, training, and implementation.
- SW testing activities – manual and automated
- Quality tools

Includes

- Lectures
- hands-on activities
- Laboratory exercise
- in-class activities
- video on-demand
- Project work
- Problems sets
- Design exercise
- Case studies
- Periodical Evaluation as per Industry specifications
- Certification