Quality Engineering for Software Quality Assurance

Objectives

- Software quality and quality concepts
- Importance of customer satisfaction and quality of software
- Quality assurance and its cost of assurance
- Cost components of quality assurance
- The Malcolm Baldrige Approach to quality assurance
- Scope of ISO 9001 standards for software quality management
- SEI steps to implement software quality assurance
- Causes of poor software quality
- SQA plan and its different components
- Testing techniques for SQA
- Testing methodologies for quality assurance
- Test case designs and software testing strategies