



Course Outline for Test Effort Estimation

1. Introduction to software estimation
 - a. Definition of Estimation and Test Estimation
 - b. Explanation of key terms
 - c. Intro to software sizing
 - d. Basics of Function Point Analysis and Use Case Point Estimation
 - e. Common pitfalls in estimation
 - f. Good practices in estimation
2. Test Effort Estimation Approaches
 - a. Introduction to Test Estimation
 - b. Conversion from software size to test size
 - c. Test Case Enumeration
 - d. Task based Estimation
 - e. Delphi model
3. Test Size Estimation
 - a. Types of testing
 - b. What is minimum testing
 - c. Test point definition
 - d. Test points estimation from software size
 - e. Testing Effort from Test Points
4. Schedule
 - a. Introduction to PERT/CPM
 - b. Impact of fragmentation on effort estimation
5. Presenting an estimate
 - a. Introduction / project overview
 - b. Scope definition
 - c. Testing Size
 - d. Conversion to effort
 - e. Schedule
 - f. Assumptions
 - g. Inclusions
 - h. Exclusions
6. Discussion, questions and answers