



SEER for Software Core Course Outline

Day One

1. Understand foundation concepts & issues that govern project estimation & analysis
2. Learn the empirical basis of the mathematics, process, and inputs within SEER models
3. Learn the SEER model basic equation and flow of data through the model
4. Learn how to navigate through SEER model user interfaces
5. Generate a simple estimate
6. Detailed discussion of software size
 - a. Size - Effort Relationship
 - b. Effective Size
 - c. Source Lines & Function Points
 - d. Sizing Proxies
 - e. COTS Sizing
 - f. Other Sizing Parameters
 - g. Rework Components
 - h. Size by Comparison

Day Two

1. WBS creation guidelines
2. Knowledge Base details
3. Learn how to gather & load critical model input data
4. Understand technology & environment input parameter:
 - a. Definitions
 - b. Sensitivities
 - c. Interrelationships
5. Discuss software development phases:
 - a. Requirements
 - b. System Integration & Test
 - c. Maintenance
6. Use output charts & reports
7. Export & copy data to other applications
8. Discuss risk analysis & Goals

Day Three

1. Perform comprehensive exercises and interpret results
2. Convey best practices & parting advice
3. Complete course evaluations
4. Take and review final exam