Integrated System Diagnostics

SEIPartner
CMMI

Process Analysis and Definition Workshop

Participants are provided with a road map for analyzing their process needs and a methodology for documenting process descriptions in a usable and effective format. Students learn how to define current processes using Context Diagrams, Data Flow Diagrams, and Role Activity Diagrams. They then learn to analyze the defined processes for required inputs and outputs, missing elements, and inefficient work flow. Finally, the process is documented using proven ETVX process descriptions.

The workshop further describes how to obtain buy-in from constituents, how to manage and implement process changes in a dynamic organization, and how to deploy processes using piloting and feedback systems that are compliant with CMMI® mechanisms.

Participants acquire these critical skills through a series of hands-on exercises of two types: they learn by defining their own organizational processes and identifying solutions for their organizations' problems and they use a case study provided with the course. A knowledgeable, experienced instructor observes participant and team interaction during the exercises and provides feedback on participant progress.

Course Content

- Provide training on how to establish, maintain, and deploy the organization's standard processes;
- Provide training on how to use tools to analyze current processes for effectiveness and efficiency resulting in process designs that work;
- Use workshop techniques to apply the learning to the organization's processes:
  - Establish and document the chosen process architecture
  - Analyze a representative set of processes
  - Document a representative set of processes at all levels of the architecture
  - Using the defined techniques, document the organization's processes for Process Management

Course Duration

- 3 days
- This class is available in a public workshop or at the client site

Course Work

The course is composed of lectures and class exercises with opportunity for participant questions and discussions.

Prerequisites

- A basic knowledge or process and process related methods and techniques.
- Introductory level knowledge of reference model(s) being used in your organization.

Material Provided

- Participant's notebook

Who Will Benefit

- Practitioners and managers organizations targeted for process implementations
- Process group members who are responsible for leading process improvement programs
- Organization members responsible for developing their processes

Client Site Logistics Requirements

- LCD projector and screen
- Flip charts
- Classroom for 20 participants and 1 instructor