



CMMI Workshop for Version 1.3 (5-Day Classroom Training)

Overview

This five-day course introduces managers and practitioners, appraisal team members, and process improvement teams to CMMI fundamental concepts. The CMMI model is a tool that helps organizations to improve their ability to develop and maintain quality products and services. This course provides information on all three CMMI models: Acquisition (ACQ), Development (DEV), and Services (SVC).

The course is composed of lectures and class exercises with ample opportunity for participant questions and discussions. After attending the course, participants will be able to describe the components of the CMMI models and their relationships, discuss the process areas in the different CMMI models, and locate relevant information in the model. Successful completion of this course requires that participants actively participate in classroom discussions and exercises in all five days, not missing any classroom time.

Audience

- Product and services developers
- Process and services implementers
- Appraisal team members
- Anyone interested in learning about CMMI

Topics

- Introduction
- Model-based process improvement
- Overview of CMMI components
- Structure for the continuous and staged representations
- Process areas of CMMI-ACQ, CMMI-DEV, and CMMI-SVC
- SCAMPI appraisal process
- Using IDEAL for process improvement





Learning Objectives

Successful completion of this course will enable participants to:

- Describe the components of the CMMI-ACQ/DEV/SVC models and their relationships
- Discuss the process areas
- Describe the model content

Prerequisites

There are no prerequisites for this course.

Materials

On the first day of the course, participants will receive a softcopy of all the CMMI models and a course manual with copies of the course slides.

Course Agenda

Day 1	Day 2	Day 3	Day 4	Day 5
Module 1 Introduction Module 2 Process Improvement Concepts and CMMI Module 3 Overview of CMMI Model Components Class Exercises	Module 4 Model Representations and Generic Goals and Practices Module 5 Product Development 1 Class Exercises	Module 6 Managing the Project Module 7 Project and Organizational Support Module 8 Product Development 2 Class Exercises	Module 9 Improvement Infrastructure Module 10 High Maturity Module 11 Tying It All Together Class Exercises	Module 12 Summary Case Study Celebration

Schedule

This 5-day course meets at the following times: Days 1-5: 9:00 AM - 5:00 PM

