

# Course : CMMI v2, assessment and implementation

*Practical course - 3d - 21h00 - Ref. CMC*

*Price : 2470 CHF E.T.*

★★★★☆ 4,2 / 5

Based on the principle of gradual improvement, CMMI for development is a repository of good practice which aims to project management software development, system and hardware. After the training, participants will have understood the philosophy and architecture of the repository, its usefulness for improving the practices of their organizations, the modalities of implementation and the implications in terms of organization, load working and improving the quality of service.

## Intended audience

IT service managers, IT service management project leaders, quality managers.

## Prerequisites

Participants should be familiar with the concepts of IT project management and/or development life cycles. This course is an excellent preparation for the official SEI "Introduction to CMMI" course.

## Course schedule

### 1 Introduction

- What is a process: definition, "mature" process, "institutionalised" process, success factor.
- What is a maturity model.
- What is the Capability Maturity Model Integrated; origins, enhancements beyond the CMM.

### 2 Process Improvement

- Basic concepts and benefits of process improvement.
- What is the improvement cycle.
- What CMMI brings to the improvement cycle.

### 3 General architecture of the CMMI

- Structure of the continuous and staged representations.
- Basic model concepts: levels, process areas, goals, practices.
- Overview of the 5 maturity levels.
- Characteristics of organisational behaviour.

## PARTICIPANTS

IT service managers, IT service management project leaders, quality managers.

## PREREQUISITES

Participants should be familiar with the concepts of IT project management and/or development life cycles. This course is an excellent preparation for the official SEI "Introduction to CMMI" course.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

## 4 Details of the staged representation

## 5 Implementing the model

- Setting up an improvement programme: assessment, deployment, duration; the process improvement cycle; managing improvement
- Appraisals: self-assessment; official appraisals; different approaches; gap analyses.

## 6 Conclusions

- Examples of improvement implementation and results.
- Key success factors and errors to avoid, based on the instructor's practical experience.
- A few key figures

### Hands-on work

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.