



Introduction to CMMI (Staged and Continuous)

In association with an SEI (Software Engineering Institute) partner

This SEI authorised three-day course introduces systems and software engineering managers and practitioners, appraisal team members, and engineering process group (e.g. SEPG, EPG) members to the fundamental concepts of Capability Maturity Model® Integration (CMMI®). CMMI models are tools that can help organisations improve their ability to develop and maintain quality products and services. CMMI models are an integration of best practices from proven discipline-specific process improvement models, including the CMM® for Software, EIA 731, and the Integrated Product Development CMM®.

Target Group:

- Product developers
- Process implementers
- Project managers
- Engineering process group members
- Appraisal team members
- Candidate lead appraisers and instructors

Key Topics:

- Introduction
- Model-based process improvement
- Overview of CMMI components
- Process Institutionalisation
- Process areas of CMMI models
- Structure of the continuous and staged representations
- Next steps

Benefits:

- Understand the benefits of model-based process improvement
- The structure, concepts, terminology and content of CMMI
- Learn how to navigate the CMMI book and how CMMI relates to real-world situations

Prerequisite Entry Criteria

There are no formal requirements for this course.

Examination

There is no examination for this course

What is provided?

Participants will be provided with a copy of the CMMI: Guidelines for Process Integration and Product Improvement book, copies of the course slides, and exercise handouts

CMMI is registered in the U.S. Patent and Trademark Office by Carnegie Mellon University