



CMMI-DEV Level 3 for Practitioners

The course is delivered using **Software Engineering Institute (SEI) licensed materials**. This three-day course provides students with an in-depth understanding of the CMMI-DEV Maturity Level 3 practices, including the relationships among the practices. The course is focused on detailed walkthroughs and exercises for each Maturity Level 3 process area.

The course includes class lectures and exercises delivered in a format that facilitates dialog among students and instructors. Our **SEI certified instructors** have the depth of knowledge and experience to relate the models to your real world implementation. **ISD, an authorized SEI Partner**, offers this training in our training center or we can arrange private classes at your site.

Note: This course was designed for the CMMI for Development (CMMI-DEV) models. Although much of the material is common and would apply to all CMMI models, this course does not address process areas and practices unique to the CMMI for Acquisition (CMMI-ACQ) or the CMMI for Services (CMMI-SVC) models.

Students who complete the course will have:

- A **deeper understanding** of the interrelationships among model components and how to leverage them
- **Better interpretations** and examples of the CMMI-DEV practices at Maturity Level 3
- **Improved ability to apply** CMMI-DEV Maturity Level 3 practices in process improvement and appraisal activities

Course Content

- Context for CMMI-DEV Maturity Level 3
- Maturity Level 3 Generic Goals and Practices
- Process areas at CMMI-DEV Maturity Level 3
 - Requirements Development
 - Technical Solutions
 - Product Integration
 - Verification
 - Validation
 - Organizational Process Focus
 - Organizational Process Definition
 - Organizational Training
 - Integrated Project Management
 - Risk Management
 - Decision Analysis and Resolution

Material Provided

- Presentation notebook
- Reference and exercises

Course Duration

- 3 days
- This class is presented in both public and client site forums

Prerequisites

- Successfully complete an SEI-authorized offering of Introduction to CMMI for Development v1.3 (or Introduction to CMMI Version 1.1 or 1.2 with upgrade)
- Understand CMMI-DEV Maturity Level 2 practices (It is strongly recommended that participants complete the CMMI-DEV Level 2 for Practitioners course)

Who Will Benefit

- Those needing more in-depth CMMI-DEV ML3 information
- Those developing, deploying, or implementing CMMI-DEV ML3 practices
- SCAMPI team members preparing for a CMMI-DEV ML3 appraisal

Client Site Logistics Requirements

- LCD projector and screen; Flip charts
- Classroom for 20 participants and 1 instructor
- Students should bring to class a copy of the CMMI-DEV model (book or technical report)