



Overview of the New Introduction to CMMI Course and Changes to the Intermediate Concepts and Instructor Training Courses

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Purpose

Familiarize the community with the new course elements and structure.

Communicate changes to existing courses



Topics

- Overview of the New Introduction to CMMI (Staged and Continuous) Course

Description of Other Course Changes



Why a Single Intro Course?

The *Introduction to CMMI (Staged and Continuous)* course was developed as a result of **community training change requests** and **Interpretive Guidance project requests** to have one single course that talks about both model representations.

The new course puts the emphasis on understanding

- the CMMI model components
- how to combine the various CMMI components for the purpose of process improvement regardless of representation



What is Different from the Existing Intro to CMMI Courses?

The *Introduction to CMMI (Staged and Continuous)* course uses materials from the current *Introduction to CMMI* courses, but it also addresses many change requests resulting in improvements to slides, exercises, and other course materials.

Not all training change requests submitted to the SEISM were incorporated, due to the constraint that this course is scheduled to be 3 days in duration.



Change Request Summary

- Total Change Requests reviewed—275
- Change Requests accepted for further review—267
- Change Requests reflected in the global training issues—88

Major Change Request categories were

- revise PA presentation structure and content
- revise order of PA presentation
- review and revise exercises
- provide policies and guidance for tailoring course, class size, and successful completion of course



Additional Detail on Change Requests

In addition to the major categories, other areas identified in the Change Requests that were addressed in the development of the new course include the following:

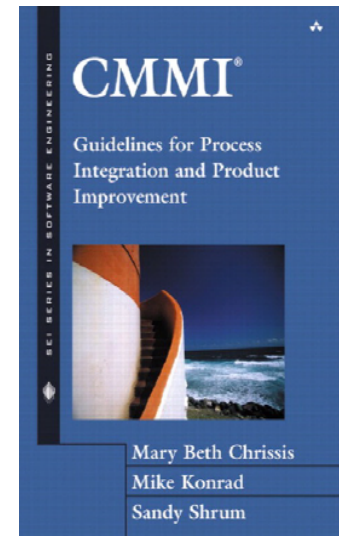
- Provide more definitions of terms.
- Revise instructor notes and include them with the slides.
- Add more material on PA relationships.
- Add more material on capability levels, particularly higher capability levels.
- Provide information on benefits of CMMI adoption.
- Make corrections and use slide standards.



What You'll See in the New Course

Key differences include the following:

- Reference CMMI document used: *Guidelines for Process Integration and Product Improvement* book.
- Order of presentation of concepts and of process areas changed.
- Definition of terms added.
- Presentation of topics related to model structure, institutionalization, and representations reflects a combined perspective.
- Impacts and Benefits of CMMI slides added, reflecting information from actual use of CMMI in the field.
- Instructor notes incorporated into the slides.
- Revised and new exercises (designs and student handouts) added.
- All slides were carefully reviewed and edited, and the SEI slide standard applied.





Development Phases of the New Introduction to CMMI

The phases of development included

- internal review (SEI)
- external review (SEI partners)
- pilot offering (internal–September 2004)
- first instructor upgrade training (October 2004)
- first SEI public offering (NDIA–November 2004)
- course available to SEI Partners by mid-December 2004



Future Plans

The SEI plans to do the following in the future:

- update the course in 2005 to incorporate early adopter recommendations (in the form of change requests--CRs) and other CRs
- update the course in 2006 to incorporate V1.2 changes and other CRs



Which Course Should I Take?

The *Introduction to CMMI (Staged and Continuous)* course is currently an alternative to the existing courses:

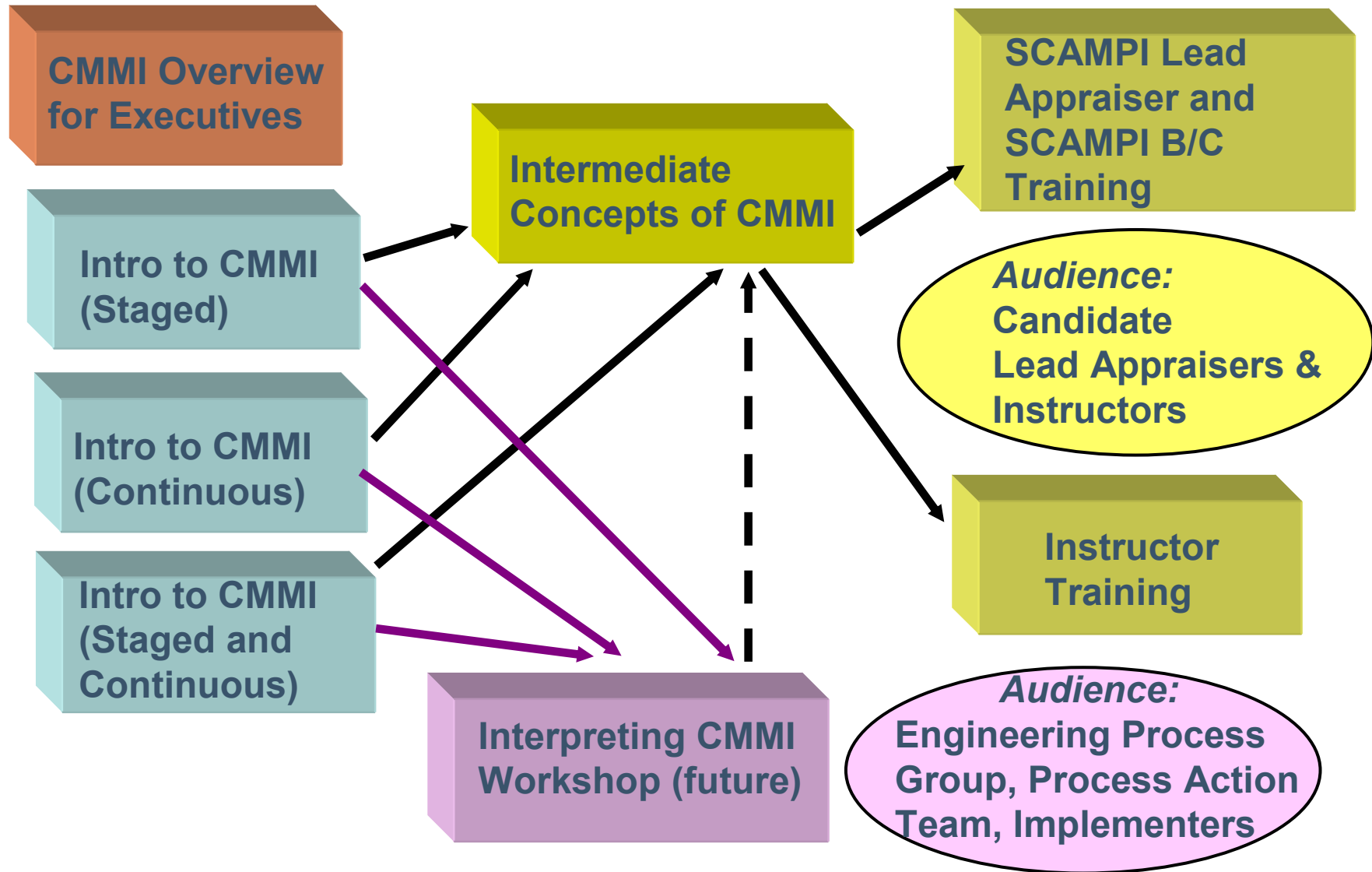
- *Introduction to CMMI--Staged*
- *Introduction to CMMI--Continuous*

All three introductory CMMI courses fulfill the prerequisite of attending an authorized Introduction to CMMI course as required by

- *Intermediate Concepts of CMMI* course
- SCAMPISM A team membership



Where the New Intro Course Fits in





Topics

Overview of the New Introduction to CMMI (Staged and Continuous) Course

→ Description of Other Course Changes



Other Course Changes

There are no planned changes for the following courses:

- *Introduction to CMMI--Staged*
- *Introduction to CMMI--Continuous*

Planned changes include:

- *Intermediate Concepts of CMMI* course
- *Instructor Training* course
 - Updates to reflect the new course will be incorporated for courses beginning February 2005
 - November and December 2004 courses will include the instructor upgrade training