Carnegie Mellon
Software Engineering Institute

How to Become a SCAMPI Lead Assessor

Software Engineering Institute
Carnegie Mellon University
Pittsburgh, PA 15213-3890

Sponsored by the U.S. Department of Defense
© 2000 by Carnegie Mellon University

SCAMPI Lead Assessor Track

SCAMPI "track" will be added to the existing SEI Appraiser Program

Authorization process modeled after CBA IPI Lead Assessor track

Some adjustments:

- enhanced model knowledge requirements,
- equivalency provisions (assessment team member experience, Lead Assessor training, observation)

© 2000 by Carnegie Mellon University

Authorization Process Overview

Step 1 - Admission

1. Enabling skills and experience
2. Academic accomplishments
3. Educational experience
4. Assessment experience
5. CMMI Model training

Step 2 – LA Training

1. SCAMPI Lead Assessor training

OR

2. SCAMPI Lead Assessor upgrade training

Step 3 -

Successful observation report

© 2000 by Carnegie Mellon University

Step 1: Gaining Admission

Applicant meets specified criteria in the following areas:

- Basic knowledge and skills requirements,
- Academic accomplishments,
- CMMI model training,
- Discipline experience and technical management
- Experience as an assessment team member*

* - equivalency provisions apply

© 2000 by Carnegie Mellon University

Step 2: Lead Assessor Training

Approved applicants attend SCAMPI Lead Assessor Training at the SEI in Pittsburgh, Pennsylvania*.

After successfully completing the training, an applicant is considered to be a Candidate Lead Assessor.

*** - equivalency provisions apply**

© 2000 by Carnegie Mellon University

Step 3: Observation

A Candidate Lead Assessor must be observed by a qualified SCAMPI Lead Assessor while leading a SCAMPI assessment*.

Upon receipt of a favorable Observation Report from the Observing Lead Assessor, the Candidate Lead Assessor will then be fully authorized by the SEI to conduct SCAMPI assessments and use the CMMI materials.

The SEI reserves the right to designate the observing Lead Assessor or to approve the observing Lead Assessor proposed by the candidate Lead Assessor.

* - equivalency provisions apply

© 2000 by Carnegie Mellon University

Authorization Renewal -1

Authorization as a Lead Assessor is valid for a two-year period.

Authorization must be renewed, and an annual support fee paid.

Renewal is not automatic.

Lead Assessors must fulfill their responsibilities satisfactorily during the previous two years to be renewed for an additional two-year period.

© 2000 by Carnegie Mellon University

Authorization Renewal -2

The following factors are considered during the renewal process:

- Reports from audits that may have taken place during the authorization period
- Reports from assessment clients returned to the SEI during the authorization period
- assessment data returned to the SEI
- Feedback from assessment team members and participants
- Satisfaction of annual support fee obligation

© 2000 by Carnegie Mellon University

Equivalency Provisions Intent -1

In recognition of the existing community of assessors (in disciplines other than software) with experience as team members or team leaders, several equivalency provisions have been incorporated into the authorization process.

The purpose of these equivalency provisions is to take advantage of demonstrated and verifiable assessment competencies and experiences using selected assessment methods.

Applicants may be exempted from certain provisions of the authorization process.

© 2000 by Carnegie Mellon University

Equivalency Provisions Intent 2

Recognized assessment methods include (in addition to SCAMPI):

- EIA/IS 731.2
- SCE 3.0
- SE-CMM
- CBA IPI
- Other CAF-compliant methods

The determination of equivalency is made by a governing body with authorization and credentials to make such determination.

Equivalency provisions will be in effect through 2001 for systems engineering

© 2000 by Carnegie Mellon University

Equivalency Provisions

The following equivalency provisions have been incorporated into the authorization program:

- Recognition of training on *source* models
- Recognition of assessment team member experience with selected existing assessment methods,
- Recognition of team leader training,
- Recognition of successful completion of the observation requirement with selected existing assessment methods.

© 2000 by Carnegie Mellon University

Assessment Experience Equivalency

The applicant must have experience as an assessment team member within the prior 24 months on at least:

- two SCAMPI assessments, or
- one SCAMPI assessment and one qualifying assessment, or
- two qualifying assessments

© 2000 by Carnegie Mellon University

Lead Assessor Training Equivalency

A registered applicant who has received lead assessor training determined to be equivalent to CBA IPI Lead Assessor Training can make application to take the SCAMPI Lead Assessor Upgrade Training

© 2000 by Carnegie Mellon University

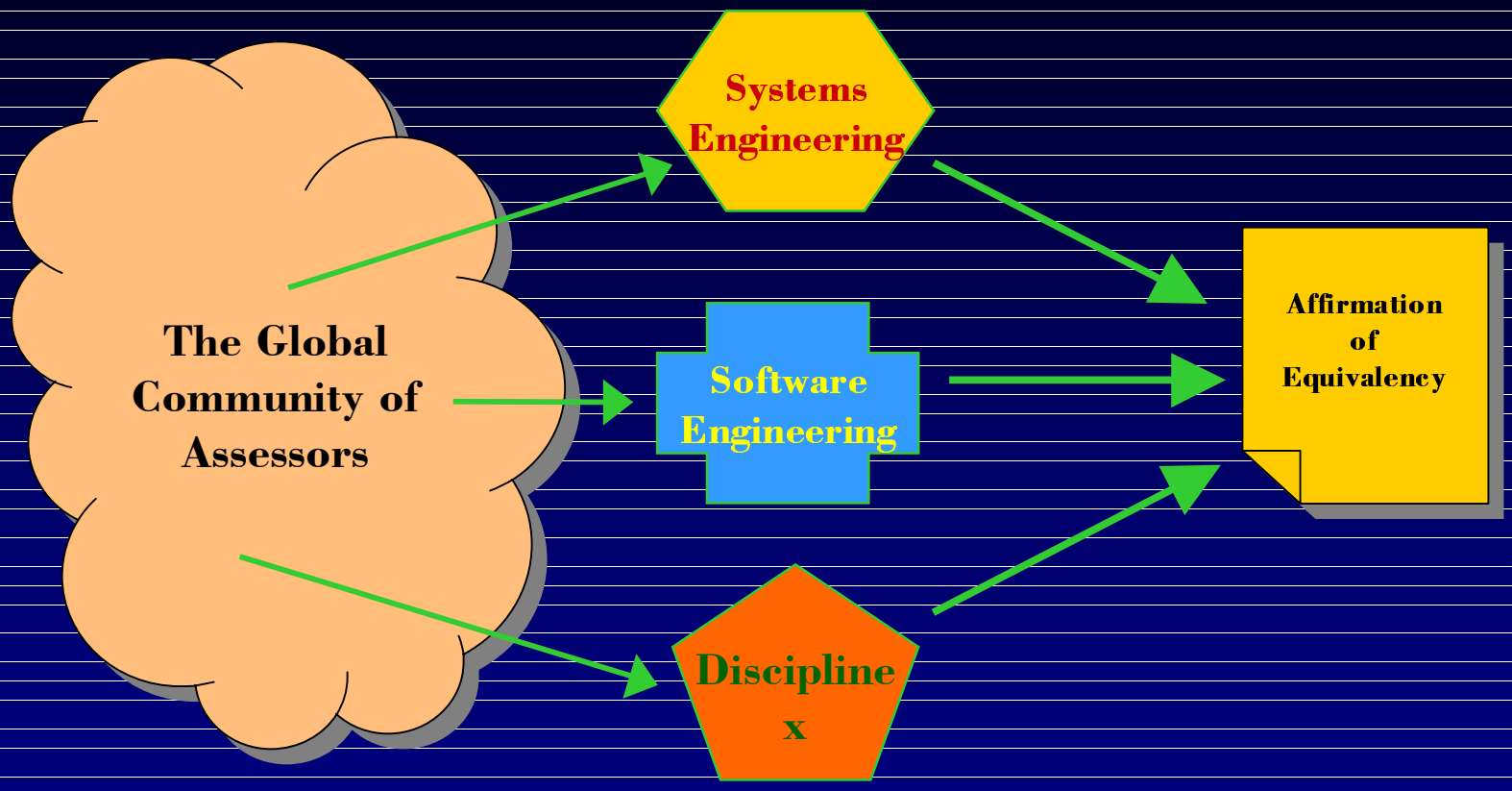
Observation Equivalency

A candidate SCAMPI Lead Assessor who is an experienced Lead Assessor and has already been observed leading a qualifying assessment can be authorized fully at the completion of the Upgrade SCAMPI Lead Assessor Training.

Evidence of such an observation with a favorable observation report by another experienced Lead Assessor must be provided.

© 2000 by Carnegie Mellon University

Discipline Governing Bodies



© 2000 by Carnegie Mellon University