

## That's new in curriculum version 4

Non-normative overview of the changes between version 3.x and version 4.1 of the iSAQB CPSA-Foundation level curriculum.

### Intention and Motivation

The Foundation Level Working Group (FLWG) wanted to

- improve readability and understandability
- improve consistency in wording
- keep the overall structure and learning goals intact
- keep the impact for training providers small
- keep the validity of certification examination questions intact
- leave the proposed duration with 3 days minimum
- tidy up the architecture and design principles and patterns

Changes are described in English only, but are relevant for both DE and EN curriculumae.

### Change Process

FLWG conducted several internal workshops and collected change requests from iSAQB and (11 different) working group members. We then had extensive FLWG-internal discussions.

Voting for the new version was unanimously positive: 11 out of 11 FLWG members voted in favor of ALL changes.

In case you identify errors, typos, inconsistencies or other issues in the curriculum, please report those via email to [foundation@isaqb.org](mailto:foundation@isaqb.org). We're especially interested in finding translation issues between the DE and EN versions.

### Incorporate the Changes in Training Material until April 15th 2017

The new version of the Foundation Curriculum will go into effect on April 15th 2017. From this day on, all CPSA-Foundation trainings MUST COMPLY TO THE NEW 4.x VERSION.

### General Modifications

- The sources and references (section 7 of the document) have been relocated to a distinct document and therefore removed from the curriculum. The references will only be maintained in English in the future.
- There have been numerous formatting changes.
- Removed "being able to" from EN learning goal titles
- Term "Participants" replaced by "Software architects"
- Now use complete sentences instead of "just some words"
- Tried to use active voice instead of passive
- Slightly re-formatted title page

## Changes per section

This document is no „diff“. Minor wording changes will NOT be included in this document.

### 0. Introduction

Rewrite to make it more understandable for non-technical stakeholders.

### 1. Basic Concepts

- Reduced proposed minimal time from 135 minutes/45 min exercise down to 120 minutes / 0 min exercise
- LG 1-10: reduced from R2 to R3

### 2. Design and Development

This section has gotten higher priority within the curriculum (proposed time has been slightly increased), it has been the clear focal point for modifications within the curriculum.

- Increased proposed minimal time from 270 minutes / 90 min exercises up to 300 minutes / 90 min exercises.
- LG 2-2: Several new topics (moved to LG 2-2 from various other LGs)
  - Included several topics from Domain-Driven-Design (as R3)
- LG 2-5: Several new patterns, de-cluttered wording.
- LG 2-6: Moved subtopics to LG 2-6 from various former LG's.
- LG 2-7: Included several new („modern“) topics, (with R3 relevance)
- Removed LG 2-10 (moved subtopics to LG 2-5)

### 3. Specification and Communication

Mostly changes in wording, clarified the intentions of various LGs.

- LG 3-2: Clarified expectations
- LG 3-10: removed tigris

### 4. Software architecture and Quality

No substantial modifications, slight changes in wording.

### 5. Tools

Clarified categories by giving numerous examples.

### 6. Examples

Slight changes in wording.