

Synopsis of the Profile, Tasks and Duties of members of the Specialization Commissions (SC <xy>) of the FSIE

(german: Fachkommission/FK, français: commission de
métier/CM, italiano: comitato della specializzazione/CS)

Note: The exact tasks/duties are defined in the [FSIE bylaws](#) and the [FSIE Education Charter](#).

Profile

You are an experienced IT or IT related practitioner and want to contribute with your mastery in the domain to the development of the profession, specifically your area of expertise, and supporting young professionals. If you are interested in joining our efforts towards improved IT professionalism the ideal profile is

- Work in in the specialisation practice at least 40% for at least the last 6 years
- Possessing an IT or MIS tertiary degree from a university, polytechnic, university of applied sciences, higher specialised school. This can date from any time.

We currently have 8 specialisations referring to “Berufe der ICT” (swissICT) and other (agile) roles and the current programs linked:

- **Engineering** (with optional sub-specialisations SW, HW, Data, Test, AI and by technology)
 - Software Engineer, Application Developer, Developer, Solution Engineer
 - Database Engineer (opt. Data Scientist)
 - Test Engineer (and/or Manager)
 - Artificial Intelligence Engineer
 - Hardware Engineer
- **UX – User Experience**
 - User Experience Architect
 - UI Software Engineer, Developer - UX
- **BRIDGE** (combination of Business Analysis and Project Management, with optional sub-specialisations by industry (“Branche”))
 - Consultant
 - Business Analyst (opt. Data Scientist)
 - Project Manager
 - ICT Architect (in projects)
 - Product Owner
- **Quality**
 - Quality Manager
 - Agile Coach (opt. SCRUM Master)
- **Security**
 - ICT Security Officer (also: Information Security Manager, Information Security Officer, Chief Security Officer/CSO, Chief Information Security Officer/CISO, Data Protection Officer/DPO)
 - ICT-Security-Specialist (ICT Security Engineer, ICT Security Expert)
 - ICT Security Architect
 - ICT-Security-Operations-Manager
- **Strategy**
 - ICT Architect (strategic level)
 - Program Manager (strategic initiatives)
- **Operations**
 - ICT Systems Engineer
 - Service Manager
 - Application Manager
- **Management**
 - Manager of PM/BA, Development, Operations
 - CIO or CEO of IT-company

Act as **Test Experts (german: Prüfungsexperte)**

In the course of the application of a candidate, the SC is responsible that the specialization requirements are tested. For each candidate 2 members of the SC are nominated by the operations partner SAQ. Eventual conflicts of interest are resolved by disclosing the names vice versa and eventually exchanging 1 or both foreseen experts. The experts first **assess the case study** handed in. If successful, they are planned by SAQ for **conducting a 60Min. oral examination**. Only in cases of technical issues, SAQ requires experts to individually check the advanced education and work testimonials of candidates.

Assess **specialized continuing education events**

Providers of specialized continuing education events (refresher courses and seminars) submit these to the SC <xy> and the SC <xy> **attributes the CEP (Continuing Education Points)**.

Specialization **Program Ownership**

Each **SC <xy>** formulates and authors the Specialization **Program <xy>**. It encompasses the required **level-2 (= high-level) expert practices and recommended advanced education** (german: "Weiterbildung in der Spezialisierung") for obtaining the titles. The Program <xy> also includes a mapping to "**Professions of the ICT** (swissICT/GRI)" and optionally to **e-CF**. The Program <xy> serves as the frame for the detailed Body of Competences, BOC <xy> which is not a public document. The BOC <xy> describes the level-3 competences as well as keywords (methods/techniques/key concepts) and contains examination questions.

Each specialization should define expert competences that are exclusive to those of other specializations. This design principle is guaranteed by the EC through a review before acceptance.

The SC <xy> submits the Program (in the entirety or modifications) and BOC to the Specialization Community's Board for vote/acceptance at the next upcoming Assembly of the Specialization Community. The SC itself is also elected by the Assembly of the Specialization Community (2 years terms and self-consituting).

The SC explains and interprets the Program and BOC to all that raise questions.

The SC observes the usability of the Expert FSIE <xy> certifications, developments of the specialization and of the socio-technical environment with respect to possible impacts on the Program and BOC and dicusses possible **evolutions of Program and BOC <xy>** which may lead to new versions as need be.

The SC may define **sub-specializations** and regulations for achieving and maintaining them.

Note: General inquiries by members or interested parties regarding the Program are answered by the office of the FSIE (1st-level support). However, all regarding the BOCs is forwarded to the SC.

Responsiveness

The SC <xy> nominates a president and vice president and organises itself, so that emails to <xy>@fsie.ch are answered in due time (1 office day).