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Software and systems engineering — Certification of software and systems engineering professionals —

Part 4: Software engineering

Ingénierie du logiciel et des systèmes — Certification des professionnels de l'ingénierie du logiciel et des systèmes —

Partie 4: Ingénierie du logiciel

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Contents

Page

Foreword ... **iv**
Introduction ... **v**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms and definitions ... **1**
4 Conformity ... **2**
5 Requirements for certification of software engineering professionals ... **2**
5.1 General ... 2
5.2 Fundamental components of a conformant scheme ... 2
5.3 Knowledge ... 3
5.4 Skill ... 4
5.5 Competence ... 4
Annex A (Informative) **Elaboration of software engineering knowledge areas** ... **5**
Annex B (Informative) **Examples of software engineering skills** ... **7**
Annex C (Informative) **Examples of software engineering competencies** ... **9**
Annex D (Informative) **Exemplar mapping of competencies to related skills and knowledge** ... **12**
Bibliography ... **14**

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Foreword

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information Technology*, Subcommittee SC 7, *Software and systems engineering*.

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Introduction

The ISO/IEC 24773 series addresses the certification of professionals in software and systems engineering. ISO/IEC 24773-1 contains general requirements for such certification schemes. This document contains requirements specific to certification schemes for software engineering professionals.

The concepts, and requirements for certification schemes contained in ISO/IEC 24773-1 and ISO/IEC 17024 apply to this document.

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Software and systems engineering — Certification of software and systems engineering professionals —

Part 4: Software engineering

1 Scope

This document elaborates requirements and recommendations for certifications schemes based on ISO/IEC 24773-1, which are specific to the domain of software engineering.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC/IEEE 12207, *Systems and software engineering — Software life cycle processes*

ISO/IEC 17024, *Conformity assessment — General requirements for bodies operating certification of persons*

ISO/IEC TS 17027, *Conformity assessment — Vocabulary related to competence of persons used for certification of persons*

ISO/IEC/TR 19759, *Software Engineering — Guide to the software engineering body of knowledge (SWEBOK)*

ISO/IEC 24773-1:2019, *Software and systems engineering — Certification of software and systems engineering professionals — Part 1: General requirements*

Software Engineering Competency Model, version 1.0, IEEE Computer Society 2014

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 17024, ISO/IEC TS 17027, ISO/IEC 24773-1 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
knowledge area
KA
identified group of knowledge

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