

別添 B

資格枠組のレベル定義（概要）

Appendix B

Qualifications Framework Level Definitions (Summary)

資格枠組のレベル定義（概要）

| レベル | 知識 | 技能*1 | 責任と自律性*2 |
|-----|---------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------|
| 8 | 専門的実務／学問分野において最先端のフロンティア。新しい専門的実務や知見につながる分野横断的な視点・知識・理解 | 研究や革新の重要な課題を解決し、既存の知識や専門的実務を再定義するために必要な、最も高度な専門的技能 | 専門的実務や学問の最前線で、新しいアイデア・プロセス開発に対する権威、自律性、学術的・専門的な誠実性および持続的な関与 |
| 7 | 高度に専門化された知識。その内いくつかは、仕事／学習分野における知識の最前線。異なる分野の知識・理解 | 実務／学問分野における主体的・批判的洞察と分野横断的知識の統合。新しい知識や方法論の研究・開発・革新に必要な問題解決技能 | 複雑で予測不可能な課題に対する革新的な取組が求められる仕事や学習の管理。専門的な知識・実践と管理への貢献・評価 |
| 6 | 理論や原理の批判的思考を含む、仕事／学習分野に関する高度な知識・理解 | 仕事／学習分野で、複雑で予測不可能な課題の解決のために必要な熟練と革新を実証する高度な技能 | 技術的・専門的活動を管理し、予測不可能な仕事や学習の場面で意思決定を行う責任。個人や団体の専門的な開発を管理する責任 |
| 5 | 仕事／学習分野における総合的、専門的、事実に、理論的な知識と、その知識の批判的認識 | 抽象的な問題を創造的に解決するために必要な包括的な認知科学技術と実践的技能 | 予期せぬ変化がある仕事／学習活動の主体的管理と監督。自己と他者の業績の点検・開発 |
| 4 | 仕事／学習分野における幅広い文脈の中で事実と理論の知識 | 仕事／学習分野における特定の課題の解決策を産み出すために必要な一連の認知・実践技能 | 通常は予測可能であるが変化する可能性のある仕事や学習の文脈の中での自己管理。他者の日常業務を監督し、仕事／学習活動の評価・改善 |
| 3 | 仕事／学習分野における事実、原則、プロセス、一般概念の知識 | 基本的な方法、手法、材料、情報の選択・利用によって、任務を達成し問題解決に必要な認知・実践技能 | 仕事や学習の完了に対する責任。問題を解決する際の状況に対する自己の行動の適応 |
| 2 | 仕事／学習分野における基本的な知識 | 簡単な規則と手法を利用した任務の実行。日常的な問題を解決する目的で関連情報の利用に必要な基本的な認知・実践技能 | 監督下で、ある程度の自律性を持った仕事や学習 |
| 1 | 基本的な一般知識 | 簡単な任務を実行するために必要な基本技能 | 直接監督下で、構造化された状況での仕事や学習 |

*1 汎用的な（認知的）技能および職務上の（実践的）技能を記述

*2 知識と技能を自律的に、責任を持って適用する能力を記述

各レベルの目安

レベル8：専修学校（2）卒業後15～20年経過（35～40歳）、博士

レベル7：専修学校（2）卒業後10～15年経過（30～35歳）、修士、修士[専門職]

レベル6：専修学校（2）卒業後5～10年経過（25～30歳）、高度専門士、学士、学士[専門職]

レベル5：専修学校（2）卒業後2～5年経過（22～25歳）、専門士、短期大学士、短期大学士[専門職]、準学士

レベル4：専修学校（2）卒業後0～2年経過（20～22歳）、専門士、短期大学士、短期大学士[専門職]、準学士

レベル3：高等学校卒業（18歳）、専修学校（1）

レベル2：中学校卒業（15歳）

レベル1：小学校卒業（12歳）

Qualifications Framework Level Definitions (Summary)

| Level | Knowledge | Skills*1 | Responsibilities and Autonomy*2 |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8 | Interdisciplinary perspectives, knowledge and understanding leading to a new professional practice and/or knowledge at the frontier of the learner's field of study/professional practice. | The most advanced professional skills necessary to solve critical issues for research and innovation and to redefine existing knowledge and professional practices. | Authority, autonomy, academic and professional integrity and persistent engagement in developing new ideas and processes at the frontier of the learner's field of study/professional practice. |
| 7 | Highly specialized knowledge, including the most advanced knowledge in the learner's field of work/study; knowledge and understanding in different fields. | A combination of independent and critical insights and interdisciplinary knowledge in the learner's field of practice/study; problem-solving skills necessary to study, develop and innovate new knowledge and methodologies. | Management of work or studies that require an innovative approach to solve complex and unpredictable problems; contributions to, and evaluation of, professional knowledge/practices and management. |
| 6 | Advanced knowledge and deep understanding of the learner's field of work/study, including critical thinking of theories and principles. | Advanced skills to demonstrate expertise and innovativeness necessary to solve complex and unpredictable challenges in the learner's field of work/study. | Responsibility to manage technical and professional activities and to make decisions in an unpredictable context of work/study; responsibility to manage professional development of individual and/or groups. |
| 5 | Comprehensive, professional, factual and theoretical knowledge in the learner's field of work/study, and critical recognition of such knowledge. | Comprehensive cognitive science techniques and practical skills necessary to solve abstract issues in a creative manner. | Independent management and supervision of work/study activities that involve unpredictable changes; review and development of the learner's and others' performances. |
| 4 | Factual and theoretical knowledge in a broad-based context of work/study. | A series of cognitive and practical skills necessary to develop solutions to specific problems in the learner's field of work/study. | Self-management in a context of work/study that is usually predictable but possibly changing; supervision of others' daily work, and evaluating/improving their work/study activities. |
| 3 | Knowledge about facts, principles, processes and general concepts in the learner's field of work/study. | Cognitive and practical skills necessary to complete tasks and solve problems by selecting and using basic methods, approaches, materials and information. | Responsibility to complete work or studies; ability to adapt the learner's own behavior to a specific problem-solving context. |
| 2 | Basic knowledge in the learner's field of work/study. | Skill to carry out tasks by adopting simple rules and approaches, and basic cognitive and practical skills necessary to use relevant information to solve daily issues. | A certain level of autonomy to work or study under supervision. |
| 1 | Basic general knowledge. | Basic skills necessary to carry out simple tasks. | Ability to work or study in a structured context under direct supervision. |

*1 Generic (cognitive) and professional (practical) skills are described.

*2 Abilities to apply knowledge and skills independently and responsibly are described.

Level Criteria

- Level 8: 15-20 years after graduating from a specialized training college (2) (at the age of 35-40), Doctoral Degree
- Level 7: 10-15 years after graduating from a specialized training college (2) (at the age of 30-35), Master's Degree, Master of xxx (Professional)
- Level 6: 5-10 years after graduating from a specialized training college (2) (at the age of 25-30), Advanced Diploma, Bachelor's Degree, Bachelor's Degree (Professional)
- Level 5: 2-5 years after graduating from a specialized training college (2) (at the age of 22-25), Diploma, Associate Degree, Associate Degree (Professional), Associate
- Level 4: 0-2 years after graduating from a specialized training college (2) (at the age of 20-22), Diploma, Associate Degree, Associate Degree (Professional), Associate
- Level 3: High school graduate (at the age of 18), specialized training college (1)
- Level 2: Junior high school graduate (at the age of 15)
- Level 1: Elementary school graduate (at the age of 12)