# PMP® Certification Training

## Lesson 16: Appendix: PMP List of Knowledge and Skills

# Objectives

▷ List all the knowledge and skills according to 2018 PMP examination content

▷ Briefly describe cross-cutting knowledge and skills

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# Knowledge and Skills

Given below is the list of knowledge and skills from the PMI PMP exam content outline.

| Knowledge and Skills |
| --- |
| Elements of a project charter |
| Estimation tools and techniques |
| Cost management planning, including project budgeting tools and techniques |
| Communications planning |
| Human resource planning |
| Procurement planning |
| Quality management planning |
| Requirements gathering techniques (planning sessions, brainstorming, and focus groups) |
| Risk management planning |
| Scope deconstruction (WBS, scope backlog) tools and techniques |
| Scope management planning |
| Time management planning, including scheduling tools and techniques |
| Workflow diagramming techniques |
| Continuous improvement processes |
| Elements of a statement of work |

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# Knowledge and Skills

Given below is the list of knowledge and skills from the PMI PMP exam content outline.

| Knowledge and Skills |
| --- |
| Project budgeting tools and techniques |
| Quality standard tools |
| Performance measurement and tracking techniques like EV, CPM, PERT, Trend analysis |
| Project control limits like tolerance, threshold |
| Risk identification and analysis techniques |
| Risk response techniques |
| Archiving practices and statutes |
| Compliance (statute/organization) |
| Contract closure requirements |
| Close-out procedures |
| Feedback techniques |
| Project review techniques |
| Transition planning techniques |

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# Knowledge and Skills

Given below is the list of knowledge and skills from the PMI PMP exam content outline.

| Knowledge and Skills |
|---|
| Analytical skills |
| Benefit analysis techniques |
| Strategic management |
| Change management planning |
| Contract types and selection criteria |
| Lean efficiency principles |
| Regulatory and environmental impacts assessment planning |
| Contract management techniques |
| Interdependencies among project elements |

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# Knowledge and Skills

Given below is the list of knowledge and skills from the PMI PMP exam content outline.

| Knowledge and Skills |
| --- |
| Vendor management techniques |
| Process analysis techniques like LEAN, Kanban, Six Sigma |
| Project finance principles |
| Project quality best practices and standards like ISO, BS, CMMI, IEEE |
| Quality validation and verification techniques |
| Performance measurement techniques like KPI and key success factors |

# Cross-Cutting Knowledge and Skills

Given below is the list of cross-cutting knowledge and skills used in multiple domains.

| Knowledge and Skills |
| --- |
| Active listening |
| Brainstorming techniques |
| Change management techniques |
| Communication channels, tools, techniques, and methods |
| Conflict resolution |
| Data gathering techniques |
| Decision making |
| Facilitation |
| Information management tools, techniques, and methods |
| Leadership tools, techniques, and skills |
| Negotiating and influencing techniques and skills |
| Presentation tools and techniques |
| Prioritization/time management |
| Problem solving tools and techniques |

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# Cross-Cutting Knowledge and Skills

Given below is the list of cross-cutting knowledge and skills used in multiple domains.

| Knowledge and Skills |
|---|
| Applicable laws and regulations |
| Benefits realization |
| Business acumen |
| Coaching, mentoring, training, and motivational techniques |
| Configuration management |
| Customer satisfaction metrics |
| Delegation techniques |
| Diversity and cultural sensitivity |
| Emotional intelligence |
| Expert judgment techniques |
| Generational sensitivity and diversity |
| Interpersonal skills |

# Cross-Cutting Knowledge and Skills

Given below is the list of cross-cutting knowledge and skills used in multiple domains.

| Knowledge and Skills |
| --- |
| Knowledge management |
| Lessons learned management techniques |
| Meeting management techniques |
| Organizational and operational awareness |
| Peer-review processes |
| Relationship management |
| Risk assessment techniques |
| Situational awareness |
| Stakeholder management techniques |
| Team building techniques |
| Virtual/remote team management |

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# Overview of Tools and Techniques

There are several techniques under each of these categories.

| |
|---|
| Data gathering techniques - 9 |
| Data analysis techniques - 27 |
| Data representation techniques - 15 |
| Decision-making techniques - 2 |
| Communications skills - 2 |
| Interpersonal and team skills - 17 |
| Ungrouped - 60 |
| Total 132 |

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This concludes "Appendix: PMP List of Knowledge and Skills."

Thank You

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