PMI CAPM Exam Prep Course: Predictive, Agile & Business Analysis

20 – 24 September 2027
Singapore

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Ref: 1587_217033 **Date:** 20 – 24 September 2027 **Location:** Singapore **Fees:** 5700 Euro

Overview

PMI CAPM Exam Prep: Predictive, Agile & Business Analysis is a one-week foundational course for aspiring project practitioners preparing for the Certified Associate in Project Management examination, equipping them with a personal CAPM Exam Readiness Plan. Candidates often face difficulty navigating the distinct domains of predictive methodologies, adaptive practices, and business analysis frameworks. This course resolves that challenge through systematic review of the Examination Content Outline, structured artifact generation, and scenario assessments. Agile Leaders Training Center delivers this course to establish rigorous exam readiness across predictive, agile, and business analysis disciplines.

Who Should Attend

- Junior project team members supporting project tracking and documentation
- Project coordinators assisting project managers in schedule and milestone management
- Associate business analysts contributing to requirements elicitation and traceability
- Functional specialists transitioning into hybrid or predictive delivery teams
- Operational staff participating in sprint cadences, backlog grooming, and process workflows

The course assumes participants contribute to operational workflows or team tasks and leaves out advanced multi-project portfolio governance.

Departments and Industries

The course benefits cross-functional professionals across project-driven operational environments.

- Information technology, software development, and systems engineering
- Civil construction, capital infrastructure, and facilities operations
- Financial services, banking operations, and risk management
- Healthcare administration, clinical operations, and health systems
- Manufacturing, industrial supply chain, and logistics planning

Learning Objectives

By the end of this course, participants will be able to:

- Apply core project governance concepts from the PMBOK Guide Seventh Edition
- Build predictive project baselines incorporating Work Breakdown Structures and critical path schedules
- Analyze adaptive project workflows using Scrum ceremonies and Kanban visual boards
- Prioritize stakeholder business requirements using traceable requirements matrices and user stories
- Evaluate performance data using Earned Value Management formulas and variance thresholds
- Diagnose complex multi-format scenario questions from the CAPM Examination Content Outline

Course Agenda

Day 1: Project Management Fundamentals and Core Concepts

- PMBOK Guide Seventh Edition Performance Domains and Delivery Principles
- Process Groups Practice Guide Project Life Cycles and Phase Gates
- Project Charter Architecture and Stakeholder Register Identification
- Project Management Plan Baseline Structures and Change Control Systems
- PMI Code of Ethics and Professional Conduct Application

Day 2: Predictive and Plan-Based Methodologies

- Work Breakdown Structure Decomposition and Work Package Dictionaries
- Critical Path Method Scheduling and Precedence Diagramming Method
- Earned Value Management Calculations and Cost Performance Index Formulations
- Risk Register Quantification and Probability-Impact Assessment Matrix
- Quality Management Plan Checklists and Technical Inspection Gates

Day 3: Agile and Adaptive Frameworks

- Agile Practice Guide Principles and Empirical Process Control Models
- Scrum Rituals and Team Role Allocation Charts
- Product Backlog Refinement and User Story Acceptance Criteria
- Kanban Board Design and Work-in-Progress Limit Constraints
- Agile Velocity Metrics and Release Burnup Chart Analysis

Day 4: Business Analysis Frameworks and Requirements

- The PMI Guide to Business Analysis Life Cycles and Role Definitions
- Needs Assessment Documentation and Business Case Feasibility Analysis
- Stakeholder Elicitation Interviews and Requirements Traceability Matrix
- Use Case Diagramming and Process Flow Modeling
- Requirements Validation Checklists and Acceptance Verification Workflows

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Day 5: Exam Practice and Integrated Application

- Predictive Schedule and Cost Variance Calculation Exercise
- Agile Delivery Scenario and Ceremony Facilitation Exercise
- Business Analysis Requirements Traceability Mapping Exercise
- Examination Content Outline Question Simulation and Hotspot Strategy Review
- Integrated CAPM Capstone Evaluation and Readiness Defense

Practical Exercises

Participants complete structured exercises designed to reinforce core examination domains through collaborative delivery tasks.

- Suggested activity: Build an integrated Work Breakdown Structure and calculate critical path float using project network diagrams.
- Suggested activity: Construct a sprint backlog with prioritized user stories, acceptance criteria, and work-in-progress board limits.
- Suggested activity: Compile a traceable requirements matrix from operational business scenarios to validate stakeholder alignment.
- Suggested activity: Solve simulated scenario-based examination questions across predictive, agile, and business analysis domains.

FAQs

Who does the PMI CAPM Exam Prep course suit and what background does it assume?

The course suits junior project team members, project coordinators, and operational specialists seeking foundational certification. It assumes participants have basic workplace experience in organizational tasks and leaves out advanced multi-project portfolio oversight or specialized technical engineering design.

How does this PMI CAPM Exam Prep course differ from an advanced project management certification course?

Foundational CAPM preparation addresses four distinct syllabus domains, focusing extensively on project management fundamentals, predictive workflows, adaptive agile frameworks, and business analysis basics. Advanced courses emphasize strategic governance, complex risk ownership, commercial negotiation, and leadership behaviors required for experienced project managers.

Which methodology weighting does the PMI CAPM Exam Prep syllabus follow?

The syllabus aligns directly with the Examination Content Outline, assigning 36 percent to core fundamentals, 17 percent to predictive methodologies, 20 percent to agile frameworks, and 27 percent to business analysis techniques.

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What types of questions are reviewed during PMI CAPM Exam Prep?

Preparation covers multiple-choice items, drag-and-drop matching, hotspot identification, and scenario-based questions that test practical problem-solving across predictive, agile, and business analysis environments.

Conclusion

Participants return to their organizations equipped with a personalized CAPM Exam Readiness Plan. This structured asset establishes disciplined study milestones, clarifies knowledge gaps across predictive and agile practices, and builds rigorous examination confidence. Teams immediately benefit from coordinators who apply standardized project terminology, reliable documentation practices, and structured business analysis workflows.