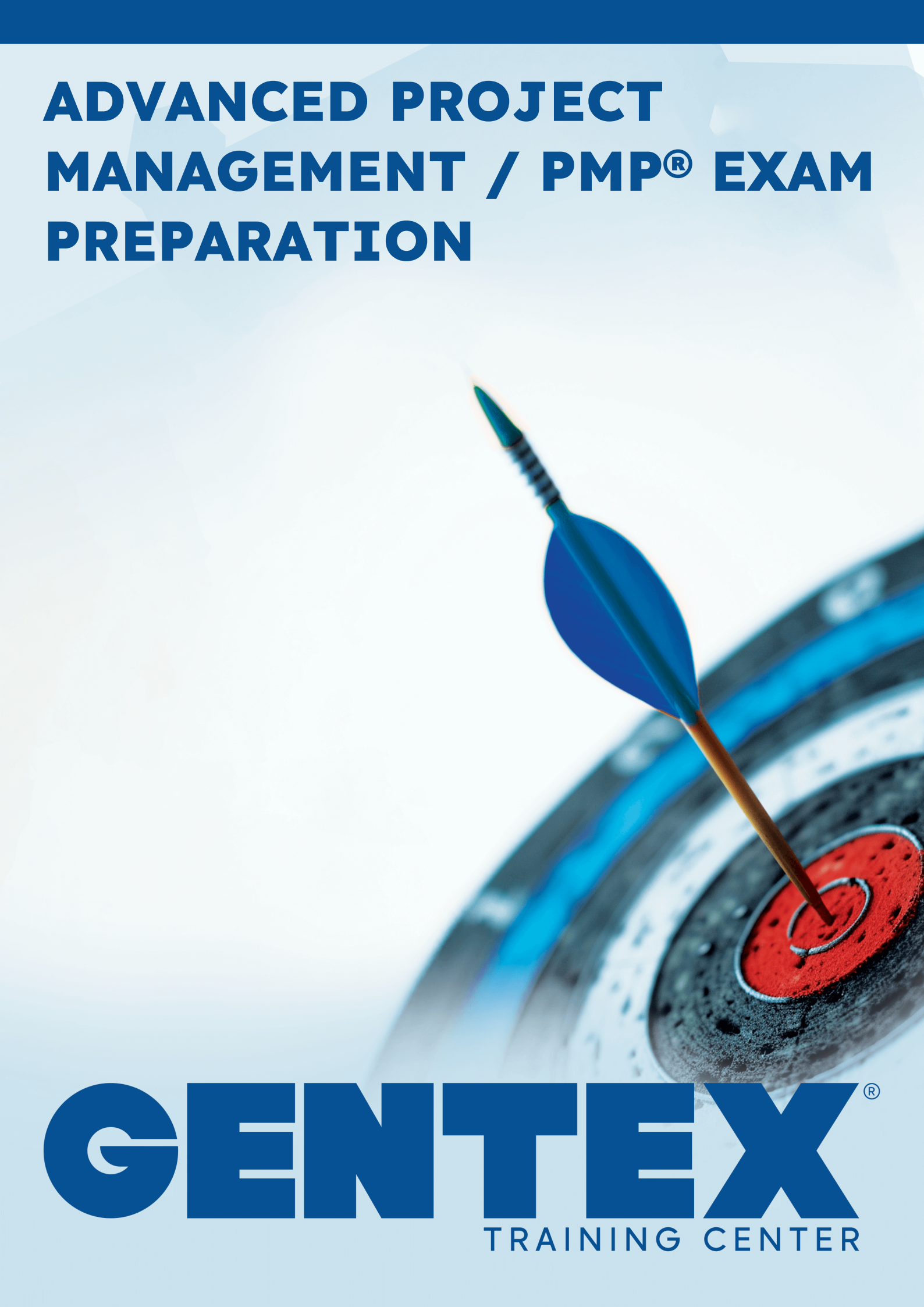
ADVANCED PROJECT MANAGEMENT / PMP® EXAM PREPARATION



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GENTEX Training Center LLC | Orlando - FL, USA
Info@gentextraining.com

Introduction

Advanced Project Management and PMP Exam Preparation combines advanced practice with structured examination readiness. This Training Course covers the PMBOK Guide Seventh Edition principles and performance domains, the PMI Code of Ethics and Professional Conduct, predictive, agile and hybrid delivery, tailoring, models, methods and artefacts, earned value management with SPI, CPI and TCPI, critical path and earned schedule analysis, Monte Carlo schedule risk analysis, procurement and contract types, benefits realisation, and examination technique with timed situational practice. Furthermore, the programme connects applied knowledge to test performance through domain review labs, mock examinations, and rationale debriefs. As a result, delegates leave with both stronger delivery practice and a practised answering method.

Advanced Project Management / PMP Exam Preparation Course Objectives

- Apply the PMBOK Guide Seventh Edition principles and performance domains.
- Apply the PMI Code of Ethics and Professional Conduct to scenarios.
- Interpret PMI eligibility, application, and examination requirements.
- Differentiate predictive, agile, and hybrid delivery and when to tailor.
- Explain the tailoring process, models, methods, and artefacts.
- Apply earned value management with SPI, CPI, and TCPI.
- Analyse critical path, float, and earned schedule data.
- Quantify risk with Monte Carlo analysis and derive contingency.
- Apply stakeholder engagement, procurement, and benefits practice.
- Answer situational examination questions with structured reasoning.

Course Methodology

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- Interactive workshops using examination-style situational questions.
- Domain review and rationale debrief sessions.
- Earned value, critical path, and risk calculation exercises.
- Agile and hybrid practice-review workshops.
- Timed mock examinations with performance analysis.
- Action planning that converts each session into a study commitment.

Who Should Take This Course

- Experienced project managers seeking PMP certification.
- Programme and portfolio managers.
- Project team leads moving into management roles.
- PMO analysts and project control specialists.
- Consultants managing client delivery projects.
- Practitioners returning to certification study.
- Technical specialists leading projects.

Advanced Project Management / PMP Exam Preparation Course Outlines

Day 1: Requirements, People Domain, and Ethics

- PMI eligibility, application, and audit process.
- Examination structure, question types, and time strategy.
- The PMI Code of Ethics and Professional Conduct.
- The PMBOK Guide Seventh Edition principles.
- The People domain: leading teams and managing conflict.

- Servant leadership and team performance in agile and hybrid delivery.
- Building the study plan and examination strategy pack.

Day 2: Process Domain and Delivery Approaches

- The Process domain: scope, schedule, cost, and quality delivery.
- Predictive, agile, and hybrid delivery selection.
- Tailoring, models, methods, and artefacts explained.
- Requirements management and scope control practice.
- Value delivery and incremental benefit creation.
- Measurement of delivery performance and quality.
- Building the process domain practice pack.

Day 3: Business Environment and Governance

- The Business Environment domain: strategy, compliance, and change.
- Benefits realisation and business case management.
- Governance, organisational change, and external environment.
- Procurement strategy, tender evaluation, and contract types.
- Compliance, ethics, and regulatory considerations.
- Stakeholder engagement and communication planning.
- Building the business environment practice pack.

Day 4: Quantitative Techniques and Analysis

- Earned value management: planned value, earned value, actual cost.
- Schedule performance index, cost performance index, and TCPI.
- Critical path method, float, and earned schedule calculations.

- Monte Carlo schedule and cost risk analysis.
- Contingency derivation and reserve management.
- Decision trees, expected monetary value, and make-or-buy analysis.
- Building the quantitative practice pack.

Day 5: Examination Technique and Mock Review

- Situational question strategy and distractor elimination.
- Time management across the examination.
- Mock examination under timed conditions.
- Rationale debrief of wrong answers and weak domains.
- Revision plan by domain and knowledge gap.
- Application, audit preparation, and scheduling the exam.
- Personal action plan and continuous improvement.

Conclusion

By successfully completing Advanced Project Management / PMP Exam Preparation, participants will have acquired a practical command of the PMBOK Guide principles and performance domains, the PMI Code of Ethics, delivery approach selection and tailoring, earned value and quantitative analysis, and structured examination technique. They will know how to read a situational question for the decision it tests, apply governance and ethics reasoning under time pressure, and convert weak domains into a targeted revision plan. In addition, the course prepares delegates to sit the examination with a practised method rather than raw recall. As a result, they return to work ready to certify and to apply the content in practice. Gentex Training Center delivers this Training Course with a practical, standards-based approach.

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FAQs for the Advanced Project Management / PMP Exam Preparation course

Q1 What is the "Advanced Project Management / PMP Exam Preparation" course about?

It is a five-day programme that combines advanced project management practice with structured PMP examination readiness. It covers the PMBOK Guide Seventh Edition principles and performance domains, the PMI Code of Ethics, predictive, agile and hybrid delivery, tailoring, earned value management, quantitative risk analysis, and examination technique.

Q2 What are the key benefits of the "Advanced Project Management / PMP Exam Preparation" course?

Participants gain the ability to read a situational question for the decision it tests, apply governance and ethics reasoning under time pressure, and convert weak domains into a targeted revision plan. They also strengthen their day-to-day delivery practice while preparing for assessment.

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Q3 What skills will I gain from the "Advanced Project Management / PMP Exam Preparation" course?

Framework application with PMBOK Guide Seventh Edition principle and performance domain use, PMI Code of Ethics scenario reasoning, predictive, agile and hybrid delivery selection, and tailoring practice across models, methods and artefacts, quantitative analysis with earned value management applying planned value, earned value and actual cost, SPI, CPI and TCPI calculation, critical path, float and earned schedule computation, Monte Carlo risk analysis, contingency derivation and reserve management, decision tree, expected monetary value and make-or-buy analysis, and governance and examination practice with benefits realisation, procurement and contract type selection, stakeholder engagement assessment, situational question strategy, distractor elimination, time management, mock examination review, and gap-based revision planning.

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Q4 What tools, methods, or standards are covered in the "Advanced Project Management / PMP Exam Preparation" course?

The course covers PMI eligibility, application and audit process, examination structure, question types and time strategy, the PMI Code of Ethics and Professional Conduct, the PMBOK Guide Seventh Edition principles, the People domain across leading teams and managing conflict, servant leadership and team performance, the Process domain across scope, schedule, cost and quality delivery, predictive, agile and hybrid delivery selection, tailoring, models, methods and artefacts, requirements management and scope control practice, value delivery and incremental benefit creation, measurement of delivery performance and quality, the Business Environment domain across strategy, compliance and change, benefits realisation and business case management, governance, organisational change and external environment, procurement strategy, tender evaluation and contract types, compliance, ethics and regulatory considerations, stakeholder engagement and communication planning, earned value management across planned value, earned value and actual cost, schedule performance index, cost performance index and TCPI, critical path method, float and earned schedule calculations, Monte Carlo schedule and cost risk analysis, contingency derivation and reserve management, decision trees, expected monetary value and make-or-buy analysis, situational question strategy and distractor elimination, time management across the examination, mock examination under timed conditions, rationale debrief of wrong answers and weak domains, revision plan by domain and knowledge gap, and application, audit preparation and scheduling the exam.

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Q5 How is the "Advanced Project Management / PMP Exam Preparation" course applied in real-world practice?

Delegates apply it through PMI applications, experience documentation, contact hour records, audit evidence files, study plans, domain revision schedules, examination strategy notes, ethics scenario worksheets, PMBOK principle summaries, performance domain maps, tailoring decision records, tailoring matrices, model and artefact selection guides, requirements traceability matrices, scope statements, work breakdown structures, schedule networks, critical path analyses, float reports, earned schedule analyses, earned value reports, planned value registers, actual cost reports, SPI and CPI calculations, TCPI models, estimate at completion forecasts, decision trees, expected monetary value analyses, make-or-buy decisions, Monte Carlo simulation outputs, contingency drawdown records, reserve management logs, procurement strategies, tender evaluation matrices, contract type comparisons, benefits realisation registers, business cases, stakeholder engagement assessments, communication plans, mock examination score records, wrong answer logs, rationale debrief notes, domain gap analyses, revision plans, examination scheduling records, and post-certification development plans. They also use it to coach colleagues preparing for the same certification and to apply the method in their own project governance.