PROJECT PORTFOLIO & RISK MANAGEMENT



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Introduction

Project Portfolio & Risk Management Training Course prepares professionals to select, balance and protect the right set of projects. Participants learn how to build a portfolio view, rank initiatives against strategy, and control the risks that threaten delivery and benefits. The programme covers portfolio governance, prioritisation scoring, resource and funding allocation, risk frameworks, risk registers, qualitative and quantitative assessment, and Monte Carlo schedule and cost analysis. Furthermore, it addresses assurance, issue management, contingency setting and portfolio reporting. As a result, delegates can run a portfolio that delivers strategy while keeping exposure within limits. Gentex Training Center delivers the programme through case workshops and applied portfolio exercises.

Project Portfolio & Risk Management Course Objectives

- Align a project portfolio with organisational strategy and objectives.
- Apply prioritisation scoring and ranking models to initiatives.
- Balance the portfolio across risk, return, timing and resource demand.
- Apply capacity planning and resource levelling across the portfolio.
- Build and maintain a portfolio-level risk register.
- Apply qualitative risk assessment using probability and impact scales.
- Apply quantitative risk analysis, including Monte Carlo simulation.
- Manage issues, dependencies and inter-project constraints.
- Apply assurance reviews, stage gates and benefit realisation tracking.
- Report portfolio performance, risk exposure and delivery confidence.

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Course Methodology

The course combines technical briefings with hands-on portfolio workshops, risk case studies and simulation exercises. Participants build a prioritisation model, prepare a portfolio risk register and run quantitative risk analysis on a schedule. In addition, structured peer review and board simulation sharpen judgement, and each day closes with an applied portfolio task.

Who Should Take This Course

- Portfolio, programme and project managers.
- PMO leads, planners and portfolio analysts.
- Risk managers and project risk specialists.
- Strategy, finance and resource planning professionals.
- Assurance, audit and governance staff.
- Consultants and advisers supporting portfolio delivery.

Project Portfolio & Risk Management Course Outlines

Day 1: Portfolio Strategy and Governance

- Portfolio, programme and project definitions and relationships.
- Strategic alignment and portfolio objectives.
- Portfolio governance structures, boards and decision rights.
- Stage gates, business case review and approval routes.
- Portfolio management office roles and responsibilities.
- Portfolio reporting standards and review cycles.
- Workshop: mapping a project portfolio against strategic objectives.

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Day 2: Prioritisation, Selection and Balancing

- Prioritisation criteria and weighted scoring models.
- Financial and non-financial ranking measures.
- Must-do, should-do and discretionary classification.
- Portfolio balancing across risk, return and timing.
- Capacity planning, resource levelling and constraint management.
- Benefit mapping and dependency identification.
- Workshop: building a prioritisation and selection model.

Day 3: Project and Portfolio Risk Management

- Risk management frameworks and standards.
- Risk breakdown structures and risk categorisation.
- Qualitative assessment: probability, impact and risk rating.
- Risk registers with owners, responses and review dates.
- Opportunity management alongside threat management.
- Risk appetite, tolerance and escalation thresholds.
- Workshop: building a portfolio risk register with rated exposures.

Day 4: Quantitative Risk Analysis and Contingency

- Quantitative risk analysis methods and data collection.
- Monte Carlo simulation for schedule and cost outcomes.
- Confidence levels and percentile-based contingency setting.
- Tornado charts and critical risk driver identification.
- Dependency and correlation effects between projects.

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- Issue management and recovery planning.
- Workshop: running Monte Carlo analysis and setting contingency.

Day 5: Assurance, Monitoring and Portfolio Reporting

- Assurance reviews, stage gate readiness and health checks.
- Delivery confidence assessment and red-amber-green reporting.
- Benefit realisation tracking and post-implementation review.
- Risk response monitoring and trend analysis.
- Portfolio dashboards and executive reporting packs.
- Presenting portfolio performance and risk exposure to a board.
- Workshop: presenting a portfolio review to an approval board.

Conclusion

By successfully completing Project Portfolio & Risk Management Training Course, participants will have acquired the knowledge to select and balance a portfolio and to manage its risks systematically. They will understand prioritisation scoring, capacity planning, risk frameworks, risk registers, quantitative risk analysis, contingency setting and portfolio reporting, and they will know how to present delivery confidence to a board. As a result, delegates improve portfolio returns and delivery reliability. Gentex Training Center builds the programme around current portfolio and risk practice.

FAQs for the Project Portfolio & Risk Management course

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Q1 What is the "Project Portfolio & Risk Management" course about?

It covers how organisations select, balance and protect a set of projects. You learn portfolio governance, prioritisation scoring, capacity planning, risk frameworks and risk registers, qualitative and quantitative risk analysis with Monte Carlo simulation, contingency setting and portfolio reporting.

Q2 What are the key benefits of the "Project Portfolio & Risk Management" course?

You gain a portfolio view rather than a project-by-project one. You also improve investment prioritisation and resource allocation, control risk exposure across interdependent projects, set contingency on evidence rather than judgement alone, and give boards delivery confidence reporting they can act on.

Q3 What skills will I gain from the "Project Portfolio & Risk Management" course?

You will gain portfolio strategy alignment and governance, project prioritisation, balancing and capacity planning, project and portfolio risk identification and risk register management, and quantitative risk analysis, contingency setting and portfolio performance reporting.

Q4 What tools, methods, or standards are covered in the "Project Portfolio & Risk Management" course?

The course covers portfolio governance and stage gate frameworks, weighted prioritisation scoring models, must-do and discretionary classification, portfolio balancing and capacity planning with resource levelling, benefit mapping and dependency analysis, risk breakdown structures and risk registers, probability-impact risk rating and risk appetite thresholds, opportunity management, Monte Carlo simulation for schedule and cost outcomes, percentile-based contingency setting, tornado charts, correlation and dependency modelling, issue management and recovery planning, assurance health checks and delivery confidence assessment, red-amber-green reporting, and benefit realisation tracking.

Q5 How is the "Project Portfolio & Risk Management" course applied in real-world practice?

Graduates apply it to score and rank initiatives, rebalance portfolios when budgets or resources change, maintain portfolio and project risk registers, run quantitative risk analysis on critical schedules and cost estimates, set contingency with confidence levels, manage issues and dependencies across projects, run assurance and stage gate reviews, and report delivery confidence and risk exposure to executive boards.