# Project Risk Management

Practitioner Risk Management Programme

## Course Strapline

Build a disciplined, decision-focused approach to uncertainty, opportunity and project resilience.

## Course at a Glance

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| **Course Duration** | Five days / 25 instructional hours | **Delivery Modes** | Classroom \| Live Virtual \| On-Demand \| Blended \| In-company |
| **Level** | Practitioner | **Digital Materials** | Integrated risk case, templates, worked examples, knowledge checks and practical outputs |
| **Certificate** | INDENTRA course-completion record, where applicable | **Professional Recognition** | PMI Talent Triangle® - 25 PDUs |

## PMI Talent Triangle® and Professional Development Units (PDUs)

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| Total PDUs: 25 | Ways of Working: 18 | Power Skills: 4 | Business Acumen: 3 |

## Course Overview

Project Risk Management develops the practical capability to identify, analyse, respond to and monitor uncertainty across the project lifecycle. The course moves beyond mechanical risk-register maintenance by connecting threats and opportunities with project objectives, assumptions, interfaces, stakeholders, commercial commitments, schedule, cost and benefits. Through an integrated case, participants build a proportionate risk-management approach that strengthens decision quality, ownership, escalation, contingency thinking and project resilience.

## Learning Outcomes

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

- Establish a proportionate project risk-management approach aligned with objectives, governance, organisational risk appetite and appropriate escalation thresholds.
- Identify threats and opportunities using structured techniques and evidence sources, and write clear cause-event-effect risk statements.
- Assess probability, impact, proximity, velocity, connectivity and controllability, and apply proportionate qualitative and quantitative analysis to schedule, cost and contingency decisions.
- Develop effective threat and opportunity responses with clear ownership, actions, contingency and integration with planning, procurement, stakeholders and change control.
- Monitor exposure, emerging risks and early warnings, facilitate constructive risk conversations and make evidence-based escalation and resilience decisions.

## Benefits

### Benefits to the Individual

- Build a disciplined approach to identifying, analysing, responding to and monitoring uncertainty.
- Strengthen qualitative and quantitative risk judgement without creating false precision.
- Improve risk facilitation, ownership, escalation and decision communication.
- Take away reusable risk outputs and a workplace improvement plan.

### Benefits to the Organisation

- Improve the quality and timeliness of risk-informed project decisions.
- Strengthen consistency in risk governance, ownership, escalation and contingency.
- Integrate project risk with schedule, cost, commercial, procurement and change decisions.
- Build more resilient delivery practices and stronger risk-aware behaviour.

## Who Should Attend?

Designed for project and programme managers, project risk managers and risk coordinators, project-controls, planning and cost professionals, PMO, assurance and governance professionals, engineers, commercial specialists and work-package leaders. It is also relevant to sponsors and managers who review or approve project-risk decisions.

## Prerequisites and Equipment

Some experience of project work is recommended. A formal project-management qualification is helpful but not required. Participants should be prepared to analyse uncertainty and make evidence-based decisions. A laptop or spreadsheet application may be used for selected exercises. Corporate cohorts may apply the course tools to an anonymised organisational project.

## Learning Approach

The course combines risk concepts with facilitated analysis, practical tools and decision-based application. Participants work through an integrated case from risk context and structured discovery to prioritisation, response design, monitoring and escalation. Workshops, scenario analysis, quantitative thinking and facilitated challenge develop professional judgement while a final integrated scenario and workplace transfer plan connect learning directly to project decisions.

## Digital Learning Materials

Digital participant resources support classroom, virtual, blended and on-demand learning and may include:

- Digital workbook and reference material supporting the integrated project-risk case.
- Templates for the risk-management approach, risk breakdown and identification, cause-event-effect registers, qualitative analysis, response planning, contingency and escalation.
- Case data, worked examples and exercises covering qualitative prioritisation, expected value, sensitivity, schedule and cost exposure, contingency and response decisions.
- Knowledge checks and concise job aids reinforcing risk terminology, analysis choices, ownership, monitoring and decision thresholds.
- Reusable risk-management outputs and a practical workplace risk-improvement plan.

## Assessment, Certification and Professional Recognition

Course completion is demonstrated through participation in risk workshops, analyses and the integrated case; completion of the principal risk-planning, analysis and response outputs; contribution to the final risk-informed decision simulation; and preparation of a workplace risk-management improvement plan. An INDENTRA course-completion record may be provided where applicable. For eligible PMI credential holders, the 25 Education PDUs are classified as 18 Ways of Working, 4 Power Skills and 3 Business Acumen.

## Course Outline

The course comprises five integrated modules and 25 instructional hours, typically delivered over five days. It follows the complete risk-management cycle while keeping decision quality, ownership and integration at its centre. The programme may be adapted to another approved delivery format while preserving the stated learning outcomes and hours.

### Module 1 - Risk Context, Governance and Behavioural Foundations

*Establish the project-risk context, governance arrangements and behavioural conditions for sound risk decisions.*

- Risk, uncertainty, issues, assumptions and constraints.
- Project objectives, risk appetite and tolerance.
- Roles, ownership, governance and escalation.
- Risk-management planning and tailoring, risk culture, bias and constructive challenge.

**Applied Activity - Risk-Context Workshop**

*Participants define objectives, appetite, governance and the appropriate level of risk-management effort for the case, and identify behavioural conditions that could weaken risk decisions.*

### Module 2 - Risk Identification and Cause-Effect Thinking

*Discover uncertainty systematically and express risks clearly enough to support analysis and action.*

- Structured risk-identification methods and facilitated workshops.
- Sources of technical, commercial, organisational and external risk.
- Threats, opportunities and emerging risks.
- Cause-event-effect statements, assumptions, dependencies, interfaces and trigger conditions.

### Applied Activity - Structured Risk Discovery

*Teams use multiple identification techniques to uncover threats, opportunities, assumptions, interfaces and emerging exposure, then convert the findings into clear cause-event-effect risk statements.*

## Module 3 - Qualitative and Quantitative Analysis

*Analyse exposure proportionately so that the level of analysis supports the decision rather than creating false precision.*

- Probability, impact, proximity, velocity and controllability.
- Risk scoring, prioritisation, heat maps and qualitative exposure views.
- Risk connectivity, aggregation and systemic exposure.
- Expected value, sensitivity, scenario thinking and schedule, cost and contingency implications.

### Applied Activity - Risk-Prioritisation Laboratory

*Participants compare qualitative and quantitative approaches, analyse selected case risks and decide what level of analysis is proportionate to the decisions that must be made.*

## Module 4 - Response Planning, Ownership and Integration

*Convert analysis into practical responses, ownership arrangements and contingency decisions.*

- Threat and opportunity response strategies.
- Response design, action planning and residual risk.
- Contingency, fallback and management reserves.
- Integration with schedule, cost, procurement and change, including risk and action ownership.

### Applied Activity - Response-Design Workshop

*Teams develop practical responses, ownership arrangements, contingencies and escalation logic for the integrated case and test whether the proposed actions reduce exposure without creating unacceptable secondary risks.*

## Module 5 - Monitoring, Escalation and Project Resilience

*Use risk evidence and early warnings to maintain control, escalate intelligently and strengthen resilience.*

- Risk reviews, indicators and early-warning signals.
- Emerging risk, secondary risk and risk closure.
- Escalation, reporting and decision thresholds.
- Risk-informed recovery, resilience planning, integrated simulation and workplace action planning.

### Applied Activity - Integrated Project-Risk Scenario

*Participants use risk evidence to make planning, commercial, governance and recovery decisions, then identify specific changes that will strengthen risk management in their own working environment.*

## Tools, Frameworks and Practical Outputs

Participants progressively build and use practical project-risk outputs through the integrated case:

- Project risk-management approach, risk appetite/tolerance view, governance, ownership and escalation framework.
- Risk breakdown and identification framework, cause-event-effect risk register, qualitative exposure view and selected quantitative analysis.
- Risk response and ownership plan, contingency and fallback logic, monitoring indicators, reporting and escalation outputs.
- Integrated risk-decision scenario and personal workplace risk-management improvement plan.

## Delivery Modes Available

Live Classroom | Live Virtual Classroom | On-Demand Learning | Blended Learning | Corporate / In-company. On-demand delivery provides a structured self-paced route using the same learning outcomes, digital resources, worked examples, knowledge checks and applied risk exercises. Corporate delivery may be tailored to the organisation's risk framework, governance, terminology, scales, templates and project environment while preserving the stated learning outcomes.

## Course Enquiries

**Visit www.indentra.co.uk/project-risk-management for the latest course information, delivery availability and enquiry options.**