
Project Risk Management





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Project Risk Management is a 5-day senior project risk course delivered by Mars Training Centre UK across our international training centres in Europe, the Gulf, and Asia — designed for project managers, programme leaders, and assurance professionals responsible for the risk performance of significant projects.

Project risk has moved from a back-office register to a senior leadership discipline. Capital projects fail more often on poorly managed risk than on poor technical execution, and boards now expect quantified, defensible answers when they ask what could go wrong and what it would cost. This course is built for project leaders who need to give that answer, not avoid it.

Across five focused days, you will work through qualitative and quantitative project risk techniques, build the analytical confidence to use Monte Carlo and quantitative schedule risk analysis at the right depth, and leave with a personal action plan to apply on a live project. The faculty are senior practitioners who have led risk processes on major projects.

The week opens with the project risk management process across the lifecycle, moves into qualitative risk assessment, then into quantitative risk analysis using Monte Carlo methods, then into response planning and senior communication, and closes with synthesis and a personal action plan applied to a live project of your own.

What You Will Learn

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

- Design and lead a complete project risk management process across the project lifecycle.
- Distinguish risks, issues, assumptions, and uncertainty in the way senior assurance demands.
- Facilitate effective risk identification workshops with diverse project teams.
- Apply qualitative risk assessment using a defensible probability and impact framework.
- Apply quantitative cost and schedule risk analysis using Monte Carlo techniques.
- Build, defend, and communicate contingency reserves at executive level.
- Lead opportunity management with the same rigour as threat management.
- Embed risk performance into project earned value and integrated reporting.
- Build a personal project risk leadership development plan.

How You Will Benefit

You will leave with a structured, defensible approach to project risk across qualitative and quantitative methods, and a Mars Certificate of Completion.

Your organisation will gain a project risk leader who improves the predictability of projects, defends contingency credibly to the board, and reduces the cost of late surprises.



Who This Programme Is For

This programme is designed for project leaders responsible for risk performance, including:

- Project managers and senior project managers
- Programme managers and project directors
- Risk managers, risk analysts, and risk leads
- Heads of PMO and PMO managers
- Project controls managers and schedule risk analysts
- Project assurance and project audit professionals
- Senior project sponsors and capital project owners

The seniority floor is experienced project manager.