

Applied Project Management for Oil & Gas Industry Leaders

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Cape Town (South Africa)

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~~R2023 28/11/2023~~ ~~137165-2023~~ **Location:** Cape Town (South Africa) **Fees:** 4900 GBP

Why This Course

Oil and gas projects are among the most complex, capital-intensive, and high-stakes undertakings in the world. Success in this sector demands not only mastery of project management principles but also a deep understanding of industry-specific risks, regulatory frameworks, and operational challenges.

The Project Management Excellence in the Oil and Gas Industry program is an intensive 5-day course designed to equip professionals with advanced project management competencies tailored to the unique environment of exploration, production, refining, and energy infrastructure projects. Participants will learn how to plan, execute, and control projects effectively — ensuring safety, efficiency, and profitability across all stages of the project lifecycle.

What You'll Learn and Practice

By joining this program, you will:

- Apply project management best practices within the context of oil and gas operations.
- Develop and implement strategies to manage complex, high-value projects.
- Identify, assess, and mitigate technical, financial, and operational risks.
- Strengthen leadership and communication skills for managing diverse project teams.
- Integrate environmental, safety, and regulatory compliance into every project phase.

The Program Flow

Day 1: Fundamentals of Oil & Gas Project Management

- The oil and gas project environment: upstream, midstream, and downstream dynamics.
- The project lifecycle: concept, development, execution, and decommissioning.
- Stakeholder management and alignment in multi-party projects.
- Regulatory, environmental, and sustainability considerations in project planning.
- Workshop: Mapping the lifecycle of a real oil and gas project.

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with other pieces like a silver pawn and a gold pawn visible. The background features concentric circles, suggesting a strategic or global theme.

Day 2: Project Planning and Scope Management

- Building a comprehensive project charter and defining project objectives.
- Developing Work Breakdown Structures WBS tailored to oil and gas operations.
- Scope definition, control, and change management techniques.
- Scheduling fundamentals: critical path analysis and resource allocation.
- Exercise: Creating a WBS and schedule for a field development project.

Day 3: Risk Management and Financial Control

- Identifying technical, commercial, and geopolitical risks.
- Qualitative and quantitative risk analysis techniques.
- Developing and implementing risk mitigation and contingency plans.
- Cost estimation, budgeting, and financial control in mega-projects.
- Earned Value Management EVM and performance tracking for oil and gas projects.
- Case Study: Managing cost overruns and schedule slippage in an offshore project.

Day 4: Project Execution and Team Leadership

- Leading multinational, cross-functional, and contractor teams.
- Communication strategies for geographically dispersed project stakeholders.
- Quality management and integrating Health, Safety, and Environment HSE principles.
- Contract management, procurement, and supply chain optimization.
- Workshop: Designing a stakeholder communication and HSE integration plan.

Day 5: Project Monitoring, Control, and Closure

- Defining and monitoring Key Performance Indicators KPIs.
- Managing change requests and maintaining project scope discipline.
- Recovery strategies for delayed or underperforming projects.
- Project handover, closeout, and lessons-learned documentation.
- Continuous improvement in project management systems.
- Capstone Project: Developing a comprehensive oil and gas project management plan.

Individual Impact

- Gain practical tools to plan, execute, and control complex energy projects.
- Strengthen leadership and communication capabilities for global project environments.
- Build confidence in applying risk and cost management best practices.
- Develop expertise in integrating HSE and sustainability principles into project delivery.

A graphic of a chessboard with several chess pieces (a king, a queen, and a pawn) in gold and silver, set against a background of concentric circles.

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Organizational Impact

- Enhance the success rate of major oil and gas projects through disciplined execution.
- Improve efficiency, cost control, and stakeholder alignment.
- Strengthen organizational capability in risk mitigation and project recovery.
- Promote a culture of safety, accountability, and continuous improvement.

Training Methodology

This course combines global best practices with hands-on industry experience to ensure practical mastery. Learning methods include:

- Case studies from leading oil and gas projects worldwide.
- Group workshops on planning, risk management, and performance control.
- Real-world simulations and problem-solving exercises.
- Peer learning discussions and expert-led debriefs.
- Ready-to-use templates, tools, and frameworks for immediate workplace application.

Beyond the Course

Upon completion, participants will be equipped to lead oil and gas projects from concept to completion — balancing technical rigor, commercial objectives, and safety standards. They will return ready to:

- Manage multidisciplinary project teams with confidence and precision.
- Apply data-driven methods to track progress and control project performance.
- Integrate sustainability and compliance into project execution.
- Deliver successful, on-budget, and risk-resilient energy projects.

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