

Next-Gen Oil & Gas Project Management: Digital Tools and Smart Workflows

COURSE OVERVIEW

This course provides extensive knowledge and practical skills to navigate the evolving landscape of project management in the energy sector. It describes how digital platforms, automation, data analytics and integrated workflows are transforming the planning, execution and monitoring of oil and gas projects. Through concrete case studies and experimental exercises, participants will gain insights into leveraging technology to improve efficiency, mitigate risks, enhance collaboration and deliver projects on time and within budget in an increasingly complex and competitive industry.

WHO SHOULD ATTEND?

This course is designed for project managers, engineers, planners, operations managers, and decision makers in the oil and gas sector who seek to enhance their project delivery capabilities using digital innovations. It is also beneficial for professionals transitioning into leadership roles, consultants working on digital transformation projects and those involved in managing cross-functional teams or large scale capital projects.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Apply digital project management tools to streamline workflows and improve transparency.
- Integrate smart technologies for enhanced project planning, monitoring, and control.
- Leverage data-driven insights to support strategic decision-making and risk management.
- Foster collaboration across diverse teams through digital communication platforms.
- Drive efficiency, cost savings, and innovation in oil and gas project execution.
- Assess digital readiness and manage change for effective project adoption.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Cloud platforms enabling seamless collaboration across teams and locations.
- Leveraging predictive analytics to control costs and optimize resource use.
- Integrating smart workflows to accelerate project delivery and improve outcomes.
- How digital tools enhance project planning, tracking, and coordination.
- Using real-time data and AI for risk management and safety compliance.
- Automating workflows to boost efficiency and reduce delays.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded