GTC Transforming Emerging Economies
GTC Training Consulting Group Ltd,
22 Kumasi Crescent,
Off Aminu Kano Crescent,
Wuse 2, Abuja.
Tel: +234(0) 9056761232
Email: enquiries@thegtcgroup.com
Web: www.thegtcgroup.com

Strategic Risk Analysis and Decision Making for Oil and Gas Project

COURSE OVERVIEW

This advanced course explores how to strategically analyze risk and make informed decisions in the complex and high-stakes environment of oil and gas projects. With rising global uncertainties, capital-intensive investments, and evolving regulatory frameworks, professionals in the oil and gas sector must master the ability to anticipate risks and make sound, data-driven decisions.

Through real-world case studies and simulation exercises, delegates will gain practical insight into tools such as risk matrices, decision trees, probabilistic modeling, sensitivity analysis, and scenario planning. The course will also address risk communication, investment appraisal, and portfolio-level decision-making aligned with corporate objectives.

WHO SHOULD ATTEND?

This course is designed for Project Managers, Risk Analysts, Technical Decision Makers, Strategy Leads, Investment and Finance Officers, Operations Managers, Engineers, and Executives involved in the planning, execution, or evaluation of oil and gas projects.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Apply advanced risk analysis frameworks to oil and gas projects
- Use decision-making models to evaluate competing strategies and investments
- Understand financial and operational risk factors across the oil and gas value chain
- Communicate risk impact to key stakeholders with clarity and confidence
- Align risk and decision-making processes with corporate governance and compliance
- Incorporate geopolitical and environmental uncertainties into planning

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Strategic risk typologies in oil and gas project planning
- Quantitative tools: Monte Carlo simulations, decision trees, and NPV analysis
- Scenario-based planning and sensitivity analysis
- Aligning risk analysis with stakeholder expectations and business goals
- Understanding failure modes and project derailment indicators
- Managing external risk: political, regulatory, and environmental pressures
- Integrating risk and decision-making tools into the feasibility and execution phases
- Real-life case studies: upstream exploration, midstream transport, downstream processing

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