



Asia Masters Center

Project planning and performance management in oil and gas sector



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Project planning and performance management in oil and gas sector

➔ Course Objective

- Learn about Project planning and performance monitoring
- Know about some skills and techniques relevant to the oil and gas industry
- The course focuses on integrating knowledge of projects and the skills they require.
- Learn about handling data and documentation that are essential requirements for successful projects and operations.

➔ Target Audience

- Project and operations team members and supervisors involved in planning, implementing, supervising and directing projects
- Upstream professionals, such as: engineers, geo-scientists and planners
- Corporate and asset team members involved in oil and gas assets.



Course Outline

- **Project management in an oil and gas industry context**
- Overview of project and operations management process and skills
- Project structures: activity stages and decision gates
- Planning: an essential requirement of projects and operations
- Offshore field development
- Videos: Deepwater drilling and offshore field development
- Exercise: estimating under conditions of uncertainty
- Cost estimating and approval / authorisation for expenditure
- Project management frameworks: PMBOK, PRINCE and Six Sigma
- Resource scheduling exercise: developing Gantt charts
- Key attributes of high-performing project managers
- FEED and EPC contracting in the oil and gas industry
- Video: gas liquefaction (LNG) plant construction project
- Quantifying risks and opportunities
- Exercise: evaluating extreme risks and contingencies
- Strategies to reduce risk and enhance opportunities
- **Detailed planning, analysis and modelling**
- Project networks and critical path analysis
- Exercise: precedence diagram construction and critical path determination
- Flawless startup concept
- Videos: gas processing plant case study
- Parallel engineering and problems that arise
- Probabilistic approach to project cost-time forecasting
- Chemical plant construction: alternating critical paths simulated
- Review of project planning, scheduling and risk-analysis software
- Cost-time control: milestone monitoring, earned value and achievement analysis
- Contracts and procurement: issues and risks
- Exercise: tendering, competitive bidding and bid evaluation
- Resource procurement and the supply chain
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- Contracts that share risk: alliance, incentive and gain share contracts
- **Performance and problem solving**
- Project team organisation, teamwork and motivation
- Large-scale deepwater FPSO project developments and operations
- Leadership, direction and management skills
- Data management, relational databases and documentation
- Project and operations risk registers and risk assessment methodology
- Exercise: Ongoing operating performance monitoring and targets for a producing field
- Delegating and assigning responsibilities effectively
- Quality, health, safety, security and environmental systems
- Managing pipeline and other transportation assets
- Key performance indicators for measuring operating performance
- Problem solving versus decision-making
- Structured and systematic approaches to problem solving
- Innovation and creativity: Confronting a crisis and contingency planning
- Securing project closure and learning from the outcomes
- Delivering project and operational objectives

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.



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Price (USD)

Communicate with the training department
to know the participation fees

➤ **There are offers and discounts for groups**

The details of the bank account

Bank name: CIMB Bank Berhad

Account name: Asia Masters Center SDN. BHD

Bank account number: 80-0733590-5

Swift code: CIBBMYKL

IBAN: Null