

DRILLING OPERATION MANAGEMENT

DRL024

COURSE DESCRIPTION

This specialized course will develop and improve the participants' performance as they work through many scenarios and assignments in a case study of drilling management, using best practice tools, templates, techniques and processes, and team working. It reviews and explains concepts, but the emphasis is the hands-on, practical application of drilling management principles.

COURSE GOAL

To enhance the participants' knowledge, skills, and ability necessary to effectively manage drilling operations.

COURSE OBJECTIVES

By the end of this course, participant will be able to:

- Apply the knowledge gained in this discipline area to a range of relevant engineering issues.
- Approach problems in a logical way and be able to formulate an optimum solution.
- Decide what data / information is relevant from a range of sources, how these relate to each other and identify inconsistencies.
- Work clearly and concisely and be able to communicate your findings in a variety of ways (on paper, electronically).
- Apply the knowledge gained in specific (i.e. a particular job situation) and general (i.e. overall problem-solving capabilities) circumstances during your professional working life.
- Appreciate the global applicability of skills developed whilst (most likely) studying with students from abroad.
- Use the outcomes given above to assist in becoming fully professional engineers in the shortest possible time.

WHO SHOULD ATTEND

- Participants from drilling disciplines, particularly those seeking improvements to their performance.
- Drilling engineers
- Field engineers involved in drilling operations or planning drilling programmes
- Service engineers
- Mud engineers
- Cement engineers
- Geologists
- Work over and completion engineers.

COURSE DURATION

5 Working Days

COURSE OUTLINES

- Drilling programming.
- Cost estimation and budgets.
- Well site supervision.
- Abandonment.
- Drilling contracts.
- Performance and performance measures.
- Incentivizing.
- Well design project covering areas of well planning to provide optimum production and injection performance.
- The optimum well design to reach the specified target location ensuring safety.
- Maximum integrity and reliability at minimal costs. Selection of optimum well trajectories.
- Equipment selection.
- Drilling completion and workover planning and scheduling.
- Rig selection and cost estimate.

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