

Drilling Engineering Technology

(1) Basic Drilling Technology

WHO SHOULD ATTEND

This short course is intended for all those involved in drilling and requiring basic knowledge of drilling engineering.

COURSE OBJECTIVES

The aim of this short course training is to provide a basic knowledge of the theoretical and practical aspects of drilling operations.

CONTENT

- Well planning overview
- History and source of petroleum
- Multi level interdependency of the Petroleum Industry
- Drilling rig systems, their purpose and use
- Principles of the drilling process, fishing, casing and cementing
- Knowledge and ability in the principles of directional drilling
- Knowledge and ability in the principles of well control and blowout prevention
- Differences between onshore and offshore drilling rigs and drilling practices
- How established drilling practices interface with modern tools and technology
- The causes and prevention practices concerning lost circulation

INTENDED FOR

Drillers, Assistant Drillers, Derrickmen, Mud Engineers and Mud Loggers