

Directional, Horizontal, and Multilateral Drilling

COURSE DESCRIPTION

This course will equip the participant with the required applied knowledge and skills to understand the directional drilling theory and project the well path to a pre-determined target depth. The course will also focus on the design aspects of directional drilling such as BHA selection, torque and drag modelling, survey calculations, well-to-well clearance calculations and uncertainty analysis. Problems associated with directional drilling such as unintentional wellbore deviation and differential sticking will be presented.

DISCIPLINE

Drilling and
Workover

COURSE DURATION

5 Days

DELIVERY METHOD

In-house

COURSE CONTENTS

- Directional drilling methods and their applications
- Torque & Drag Analysis and modeling
- Drilling hydraulics requirements
- Directional drilling tools:
 - ✓ Drill string Components
 - ✓ Deflection Tools and Methods
 - ✓ Positive Displacement Mud Motors
 - ✓ Stabilizer
 - ✓ Drill Collars
 - ✓ Adjustable Gauge Stabilizer (AGS)
 - ✓ Jars
 - ✓ Mud Motors and Turbines
 - ✓ Turbines
- Bottomhole assembly design considerations
- Problems associated with directional wells and their mitigation

CONTACT US

info@HandATraining.com

+1 (832) 426 2494

www.handatraining.com

[www.linkedin.com/company/
ha-professional-development-advisory/](http://www.linkedin.com/company/ha-professional-development-advisory/)