

# DRILLING PRACTICES



**DRPT201**  
**Drilling,**  
**Reservoir &**  
**Petroleum**  
**Training**

## **COURSE TITLE**

### **DRILLING PRACTICES**

## **COURSE DATE/VENUE**

21 - 25 February, 2022

Amsterdam, Netherlands

## **COURSE REFERENCE**

DRPT201

## **COURSE DURATION**

05 Days

## **DISCIPLINE**

Drilling, Reservoir & Petroleum Training

## **COURSE INTRODUCTION**

This course is designed for engineers and field personnel involved in the planning and implementation of drilling programs. The course covers all aspects of drilling technology, emphasizing both theory and practical application. Drilling is a complex operation requiring the marriage of different technologies and disciplines. Today's drilling personnel must have a working knowledge of all these disciplines in order to effectively drill a well. The course provides all the fundamentals necessary to drill a well whether it is a shallow well or a complex, high pressure well. Computer programs are used to design many aspects of the modern well and the course will provide the participants with the theory behind most programs along with practical implementation.

## **COURSE OBJECTIVE**

**Upon successful completion of the workshop, participants will be able to:**

- How to plan a well from spud in to completion phase with cost effectively.
- How to avoid potential problems during drilling operations
- Dealing with different types of drilling problems proactively.
- Get familiar with Design and implement .casing, cement and ,hydraulics

- Manage the drilling fluid and avoid formation damage

### **COURSE AUDIENCE**

The workshop is intended for Drilling Engineers, Drilling Representatives, Drilling Fluid Engineers and Contractor Personnel, Drilling Supervisors. Mud Engineers, Cementing Engineers (Offshore and Onshore Personnel), Tool Pushers, Manager and Technical Support involved with drilling operations and responsible for the development, planning and application of the drilling fluids program.

### **COURSE CONTENT**

#### **Overall Drilling practices**

- Introduction to drilling operations
- Types of Rigs
- Rig component
- Methods of drilling
- Well proposal and design
- Well drilling program
- Case study
- Video film CD-DVD

#### **Drilling Operations**

- Making hole and bit selection.
- Drilling fluids operations
- Solids Control
- Casing operations
- Cementing operations
- Case study , practices exercises

#### **Drilling problems and Prevention**

- Lost circulation
- Stuck pipe
- Kick and well control.
- Shale problems

- Fishing operations
- Formation damage
- Well completion
- HS&E Considerations (Health, Safety & Environmental)
- Review and discussion

### **COURSE CERTIFICATE**

**TRAINIT ACADEMY** will award an internationally recognized certificate(s) for each delegate on completion of training.

### **COURSE FEES**

\$6,150 per Delegate. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

### **COURSE METHODOLOGY**

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions