

GLOBAL EXPERTS INSTITUTE FOR TRAINING.  
ISO 9001-2008 TRAINING PROVISION CERTIFIED

## DRILLING AND WELL COMPLETION TECHNOLOGY

### Schedule Dates:

Start Date	End Date	Place
6 Oct	10 Oct 2024	Ramada Plaza By Wyndham Istanbul City Center

### Program Introduction:

The oil and gas industry relies heavily on advanced drilling and well completion technologies to efficiently and safely extract hydrocarbons from the subsurface. Understanding these technologies is essential for engineers and professionals involved in drilling operations. This training course on "Drilling and Well Completion Technology" is designed to provide participants with a comprehensive understanding of the latest techniques, tools, and methodologies used in drilling and completing wells. The course will cover everything from the fundamentals of drilling operations to advanced well completion strategies, equipping participants with the knowledge and skills needed to optimize drilling efficiency and well integrity.

### Course Objectives:

- ✓ Understand Drilling Fundamentals: Gain a thorough understanding of the principles and processes involved in drilling operations.
- ✓ Master Well Completion Techniques: Learn the latest techniques and technologies for successful well completion.
- ✓ Optimize Drilling Performance: Explore strategies for improving drilling efficiency and reducing operational costs.
- ✓ Enhance Well Integrity: Understand the importance of well integrity and how to maintain it throughout the well's lifecycle.
- ✓ Address Drilling Challenges: Identify common challenges in drilling operations and develop solutions to overcome them.
- ✓ Implement Best Practices: Learn industry best practices for drilling and well completion to ensure safety and efficiency.
- ✓ Case Studies: Analyze real-world case studies to understand the application of drilling and completion technologies.

### Who should attend?

- Drilling Engineers
- Completion Engineers
- Petroleum Engineers
- Well Engineers
- Operations Managers
- Field Supervisors
- Technical Staff involved in drilling and well completion
- Oil and Gas Consultants

### Program Outlines

#### *Day One*

- Introduction to Drilling and Well Completion.
- Drilling Rig Components and Operations.
- Types of Drilling Fluids and Their Applications.
- Drilling Techniques: Vertical, Directional, and Horizontal.

#### *Day Two*

- Casing Design and Installation.
- Cementing Operations and Best Practices.
- Well Control and Blowout Prevention.
- Well Logging and Evaluation Techniques.

### **Day Three**

- Completion Types: Open Hole, Cased Hole, and Multilateral.
- Perforation Methods and Technologies.
- Sand Control Methods and Gravel Packing.
- Hydraulic Fracturing: Techniques and Applications.

### **Day Four**

- Well Stimulation Techniques.
- Artificial Lift Systems and Their Selection.
- Well Testing and Production Logging.
- Well Integrity Management Throughout the Well Lifecycle.

### **Day Five**





- Troubleshooting Common Drilling and Completion Issues.
- Advancements in Drilling and Completion Technologies.
- Health, Safety, and Environmental Considerations in Drilling Operations.
- Case Studies: Successful Drilling and Well Completion Projects.

### **Training Methodology:**

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

## Cost Quotation in Kuwaiti Dinars

### The total cost includes:

-  Instructor(s) expenses
-  Training materials
-  Certification
-  Lunch Included

**Total Cost: 1300 KD per Participant**  
( One Thousand Three Hundred Kuwaiti Dinar )