



Global Professionals Institute for Training
معهد المحترفون العالميون للتدريب الأهلـي

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Advanced Drilling Technology And Equipment

Schedule Dates:

Start Date	End Date	Place
08 September 2024	12 September 2024	Malaysia – kuala lumpur - Grand Millennium Kuala Lumpur



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Program Introduction:

This course provides a comprehensive overview of the principles and practices of advanced drilling engineering, enabling participants to decide which technology is most appropriate for their business.

It is an introduction to advanced drilling topics such as High-Pressure High Temperature (HPHT) drilling, modern drilling technologies (i.e. casing drilling, unconventional drilling methods), special well design, drilling problems and their solutions. Advanced drilling techniques such as casing drilling or coiled tubing drilling are also covered as are tools and techniques used in casing or tubing drilling such as surface equipment, bottomhole assemblies (BHA), etc.

Program Objective:

- Drilling problems and their solutions in modern drilling operations
- Coiled tubing drilling technology
- Casing drilling technology and casing fatigue
- Expandable tubular and their applications



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Who should attend?

- A drilling, production or operations engineer, field supervisor, manager or technical support personnel with a good understanding of the principles of drilling engineering
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Program Outline

Day One

- Drilling HPHT wells
- Drilling fluids for HPHT environment
- Wellbore hydraulics
- Drill bit optimization and selection
- Non-conventional drilling methods

Day Two

- Drilling problems and their solutions in modern drilling operations
- Coiled tubing drilling technology
- Casing drilling technology and casing fatigue
- Expandable tubular and their applications



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Day Three

Other Fracturing Methods

- Drilling HPHT wells
- Drilling fluids for HPHT environment
- Wellbore hydraulics
- Drill bit optimization and selection

Non-conventional drilling methods

Day Four

Matrix Acidizing Methods

- High performance drilling concepts
- Drilling through gas hydrates
- Drilling Simulators an overview
- Aspect's wellbore construction and wellbore integrity

Day Five

HPHT wells

Drilling fluids for HPHT environment

Wellbore hydraulics

Drill bit optimization and selection

Non-conventional drilling methods



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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 Buffett

Total Cost: 1450 KD per Participant

(One Thousand Four Hundred Fifty Kuwaiti Dinar)



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