



Consulting and Training | Reach New Heights

**Course Name**

# Advanced Drilling Best Practices

---

**Sector Name**

Oil, Gas and Chemical

**Document Type**

Generated by Boostlab

[Click Here To Visit Course](#)

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770



## Advanced Drilling Best Practices

### Course Introduction

The Advanced Drilling Best Practices Training Course is designed for professionals in the oil and gas industry who want to enhance their expertise in modern drilling operations and improve drilling performance. The course focuses on practical techniques and proven strategies used to optimize drilling efficiency while maintaining the highest standards of safety and operational reliability.

Participants will explore essential topics such as drilling optimization, well control, drilling safety, and drilling performance improvement. The training also examines advanced drilling methods, drilling fluid management, and effective monitoring techniques that help engineers maintain stable and productive drilling operations.

The course provides in-depth knowledge of well planning, drilling risk management, and operational best practices, enabling professionals to identify potential challenges and implement effective solutions. Participants will learn how to reduce non-productive time, improve drilling efficiency, and maintain safe drilling environments during complex drilling projects.

This training is ideal for drilling engineers, drilling supervisors, petroleum engineers, and oil and gas professionals responsible for managing drilling operations. By applying industry best practices, participants can improve well performance, increase operational

efficiency, and support safer drilling activities in modern oil and gas projects

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)

BOOST

## Advanced Drilling Best Practices

### Target Audience

- ✓ Drilling engineers
- ✓ Rig supervisors
- ✓ Petroleum engineers
- ✓ Operations managers
- ✓ Field service personnel

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)

## Advanced Drilling Best Practices

### Learning Objectives

- ✓ Understand advanced drilling techniques and their applications.
- ✓ Develop skills for managing complex and high-risk drilling operations.
- ✓ Gain knowledge of advanced drilling equipment and technologies.
- ✓ Learn strategies for effective well control and risk mitigation.
- ✓ Explore future trends and innovations in drilling operations.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)

## Advanced Drilling Best Practices

### Course Outline

#### ✓ **01 Day One**

##### **Advanced Drilling Techniques**

- ✓ Overview of advanced drilling methodologies.
- ✓ Directional and horizontal drilling fundamentals.
- ✓ Extended reach drilling (ERD) concepts.
- ✓ Managed pressure drilling (MPD) techniques.
- ✓ Underbalanced drilling operations.
- ✓ Challenges and solutions in complex well paths.
- ✓ Case studies of successful advanced drilling projects.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To visit Course](#)

## Advanced Drilling Best Practices

### Course Outline

#### ✓ **02 Day Two**

##### **Drilling Equipment and Technology**

- ✓ Overview of advanced drilling rigs and components.
- ✓ Innovations in drill bit technology.
- ✓ Automation and digitalization in drilling.
- ✓ Advanced mud systems and fluid management.
- ✓ Casing and cementing technologies for complex wells.
- ✓ Real-time data acquisition tools.
- ✓ Equipment maintenance and troubleshooting strategies.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

## Advanced Drilling Best Practices

### Course Outline

#### ✓ **03 Day Three**

##### **Well Control and Safety Management**

- ✓ Principles of well control in advanced drilling.
- ✓ Blowout prevention systems (BOP) and operations.
- ✓ Well control techniques for high-pressure environments.
- ✓ Emergency response planning and execution.
- ✓ HSE protocols and regulatory compliance.
- ✓ Simulation exercises for well control scenarios.
- ✓ Continuous improvement strategies for safety management.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

## Advanced Drilling Best Practices

### Course Outline

#### ✓ **04 Day Four**

##### **Risk Management in Drilling Operations**

- ✓ Identifying and assessing operational risks.
- ✓ Strategies for risk mitigation and hazard control.
- ✓ Contingency planning for complex drilling projects.
- ✓ Managing environmental risks and sustainability considerations.
- ✓ Stakeholder communication and risk reporting.
- ✓ Analyzing past incidents for proactive risk reduction.
- ✓ Building resilient and adaptable drilling plans.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

## Advanced Drilling Best Practices

### Course Outline

#### ✓ 05 Day Five

##### **Emerging Technologies and Future Trends**

- ✓ Introduction to AI and machine learning in drilling operations.
- ✓ Utilizing big data for drilling optimization.
- ✓ Robotics and remote operations in complex drilling environments.
- ✓ Innovations in deepwater and ultra-deepwater drilling.
- ✓ Sustainable drilling technologies and practices.
- ✓ Preparing for future challenges in drilling operations.

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

## Advanced Drilling Best Practices

### Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
July 13, 2026	July 17, 2026	5 days	4250.00 \$	UAE , Dubai
Oct. 12, 2026	Oct. 16, 2026	5 days	4250.00 \$	UAE , Abu Dhabi
May 23, 2027	May 27, 2027	5 days	4250.00 \$	Qatar , Doha
Jan. 11, 2027	Jan. 15, 2027	5 days	5950.00 \$	USA , Los Angeles

ABU DHABI: +971 2 449 6000  
ABU DHABI: +971 50 412 3294  
DUBAI: +971 4 888 6787  
KSA: +966 56 416 0617  
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

[info@boostuae.com](mailto:info@boostuae.com) [info@boostorg.com](mailto:info@boostorg.com)

Generated by BoostLab •

