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**TRAINING**  
brochure

Well Delivery Training  
[www.rhetort.com](http://www.rhetort.com)

# Applied Well Design



## ABOUT THE COURSE

### Description

Applied Well Design is a comprehensive course designed for professionals in the oil and gas industry involved in well planning and drilling operations. Participants will gain practical insights into the design, engineering, and execution of well projects, covering key aspects such as casing design, cementing, directional drilling, and well control. Through interactive sessions and case studies, attendees will learn to optimize well designs for efficiency, safety, and productivity, ensuring successful outcomes in diverse drilling environments. Join us to enhance your skills in well design and engineering, equipping yourself with the knowledge and techniques necessary to navigate complex drilling challenges effectively.

## OUTLINE

- Fundamentals of Well Design
- Casing and Cementing Design
- Directional Drilling Fundamentals
- Practical Wellbore Stability Design, Planning, & Analysis
- Well Control and Well Integrity
- Drilling Fluids Management
- Case Studies and Practical Application
- Well Design Capstone Project

## LEARNING OUTCOMES

- Proficiency in Casing and Cementing Design: Participants will master the principles and techniques of casing and cementing design, ensuring well integrity and stability.
- Expertise in Directional Drilling: Attendees will acquire skills in directional drilling planning and execution, enabling precise wellbore placement and reservoir access.
- Well Control and Blowout Prevention: The course will equip participants with knowledge of well integrity, well control principles and techniques, mitigating risks and ensuring operational safety.
- Optimization of Drilling Fluids: Participants will learn to select and manage drilling fluids to optimize drilling performance and mitigate formation damage.
- Regulatory Compliance and Reporting: Attendees will understand regulatory requirements and reporting obligations associated with well design and drilling operations, ensuring compliance and transparency.

## WHO SHOULD ATTEND

- Drilling Engineers and Supervisors
- Well Site Managers
- Drilling Operations Personnel
- Geologists and Geoscientists
- Regulatory Compliance Professionals
- Oilfield Service Providers
- Technical Consultants
- Anyone involved in Well Planning and Execution in the Oil and Gas Industry.



**COST**  
**\$4,000**

▶ **Course Duration** ▶ **Date:**  
7 days  
▶ **Time**  
8am – 4pm



# Reducing Unscheduled Drilling Events and Surprises (RUDES)



## ABOUT THE COURSE

### Description

Reducing Unscheduled Drilling Events and Surprises is a targeted course designed to equip professionals in the oil and gas industry with the knowledge and strategies to minimize unexpected challenges during drilling operations. Participants will delve into proactive measures for identifying, mitigating, and managing risks associated with unscheduled events, including wellbore stability issues, equipment failures, and geological surprises. Through case studies, practical exercises, and interactive discussions, attendees will learn to implement preventative measures, optimize drilling processes, and enhance operational efficiency, ultimately ensuring smoother and safer drilling operations.

## OUTLINE

- Understanding Drilling Risks and Roots of Drilling Problems
- Proactive Risk Mitigation Approaches
- Contingency Planning Strategies
- Process Optimization
- Safety and Compliance

## LEARNING OUTCOMES

- Identification and Assessment of Drilling Risks: Participants will learn techniques for identifying potential drilling risks and assessing their impact on operations.
- Proactive Risk Mitigation Strategies: Attendees will develop skills to implement proactive measures to mitigate drilling risks before they escalate into unscheduled events.
- Effective Contingency Planning: The course will cover the development of comprehensive contingency plans to address unforeseen drilling challenges.
- Optimization of Drilling Processes: Participants will gain insights into optimizing drilling processes to minimize downtime and enhance efficiency.
- Enhancing Operational Safety: Attendees will understand the importance of safety protocols and practices in reducing unscheduled drilling events and ensuring personnel safety.

## WHO SHOULD ATTEND

- Drilling Engineers and Supervisors
- Well Site Managers
- Operations Managers
- Health, Safety, and Environment (HSE) Personnel
- Risk Management Professionals
- Equipment Maintenance Technicians
- Regulatory Compliance Officers
- Geologists and Geoscientists
- Drilling Contractors
- Anyone involved in Drilling Operations in the Oil and Gas Industry.
- Consultants and Advisors
- Non-Technical Managers and Executives



**COST**  
**\$2,500**

▶ **Course Duration** ▶ **Date:**  
5 days  
▶ **Time**  
8am – 4pm



# Keys for Optimizing Marginal Field Development and Operations



## ABOUT THE COURSE

### Description

Keys for Optimizing Marginal Field Development and Operations is a specialized course tailored for professionals in the oil and gas industry tasked with developing and operating marginal fields. Participants will explore strategies to maximize the potential of marginal fields, covering key aspects such as reservoir characterization, production optimization, cost management, and regulatory compliance. Through interactive sessions, case studies, and practical exercises, attendees will gain insights into the unique challenges and opportunities associated with marginal field development and operations, equipping them with the knowledge and tools to enhance profitability, efficiency, and sustainability in marginal field projects.

## OUTLINE

- Introduction to Marginal Field Development
- Reservoir Characterization and Modelling
- Production Optimization Strategies
- Cost Management and Efficiency Improvement
- Regulatory Compliance and Stakeholder Management



## LEARNING OUTCOMES

- Enhanced Understanding of Marginal Field Economics: Participants will gain insights into the economic factors influencing marginal field development decisions and strategies.
- Effective Reservoir Characterization Techniques: Attendees will learn advanced techniques for characterizing reservoirs in marginal field environments, optimizing production potential.
- Optimization of Production Strategies: The course will cover strategies for optimizing production rates and enhancing recovery factors in marginal field operations.
- Cost Management and Efficiency Improvement: Participants will develop skills in cost management and efficiency improvement, ensuring profitability in marginal field projects.
- Regulatory Compliance and Stakeholder Management: Attendees will understand regulatory requirements and best practices for managing stakeholders in marginal field development and operations.

## WHO SHOULD ATTEND

- Petroleum Engineers and Geoscientists
- Reservoir Engineers
- Production Engineers
- Field Development Managers
- Asset Managers
- Project Managers
- Regulatory Compliance Officers
- Finance and Accounting Professionals
- Consultants and Advisors
- Anyone involved in Marginal Field Development and Operations in the Oil and Gas Industry.



**COST**  
**\$3,500**

▶ **Course Duration** ▶ **Date:**  
5 days  
▶ **Time**  
8am – 4pm

# Operational Excellence for Turnkey Drilling



## ABOUT THE COURSE

### Description

Operational Excellence for Turnkey Drilling is a comprehensive course designed for professionals involved in turnkey drilling projects. Participants will gain insights into the principles and practices of operational excellence, focusing on optimizing efficiency, safety, and cost-effectiveness throughout the drilling process. Through interactive sessions, case studies, and practical exercises, attendees will learn strategies for effective project planning, risk management, and performance optimization in turnkey drilling operations. Join us to enhance your skills and knowledge in achieving operational excellence in turnkey drilling projects.

## OUTLINE

- Introduction to Turnkey Drilling Operations
- Project Planning and Execution
- Operational Performance and Optimization
- Cost Management and Control
- Safety and Regulatory Compliance

## LEARNING OUTCOMES

- **Effective Project Planning:** Participants will learn techniques for comprehensive project planning, including scope definition, resource allocation, and timeline management.
- **Risk Management Strategies:** Attendees will develop skills in identifying, assessing, and mitigating risks associated with turnkey drilling projects.
- **Performance Optimization:** The course will cover strategies for optimizing drilling performance, including wellbore quality, drilling efficiency, and equipment reliability.
- **Cost Management and Control:** Participants will learn cost management techniques to ensure budget adherence and cost-effectiveness throughout the drilling project.
- **Safety and Regulatory Compliance:** Attendees will understand safety best practices and regulatory requirements applicable to turnkey drilling operations, ensuring compliance and personnel safety.

## WHO SHOULD ATTEND

- Drilling Engineers and Supervisors
- Project Managers
- Operations Managers
- Well Site Managers
- Health, Safety, and Environment (HSE) Personnel
- Regulatory Compliance Officers
- Contract Managers
- Asset Managers
- Finance and Accounting Professionals
- Anyone involved in Turnkey Drilling Projects in the Oil and Gas Industry.



**COST**  
**\$2,500**

▶ **Course Duration** ▶ **Date:**  
5 days  
▶ **Time**  
8am – 4pm



# Integrated Drilling Practices for Minimizing Well Costs



## ABOUT THE COURSE

### Description

Integrated Drilling Practices for Minimizing Well Costs is a specialized course designed to equip drilling professionals with the knowledge and skills to optimize drilling operations and reduce well costs. Participants will learn integrated approaches to well planning, execution, and optimization, focusing on cost-effective practices and technologies. Through interactive sessions, case studies, and practical exercises, attendees will explore strategies for minimizing non-productive time, improving drilling efficiency, and enhancing overall well economics. Join us to enhance your understanding of integrated drilling practices and unlock opportunities to achieve significant cost savings in your drilling projects.

## OUTLINE

- Understanding Well Cost Drivers
- Integrated Well Planning
- NPT Reduction Practices
- Cost-Effective Technologies for Well Delivery
- Performance Improvement
- Risk Management and Mitigation
- Cost Optimization Strategies



## LEARNING OUTCOMES

- Understanding of Well Cost Drivers: Participants will identify key factors impacting well costs and learn strategies to mitigate them.
- Integrated Well Planning: Attendees will develop skills in integrated well planning techniques to optimize drilling performance and cost efficiency.
- Non-Productive Time Reduction: Techniques for minimizing non-productive time and enhancing operational efficiency during drilling operations.
- Application of Cost-Effective Technologies: Exploration of cost-effective drilling technologies and their application to reduce well costs.
- Performance Improvement Metrics: Participants will learn how to measure and analyze drilling performance metrics to identify areas for improvement and cost reduction.

## WHO SHOULD ATTEND

- Drilling Engineers and Supervisors
- Drilling Operations Managers
- Well Site Managers
- Rig Managers
- Drilling Contractors
- Procurement Managers
- Geologists and Geoscientists
- Drilling Equipment Manufacturers
- Health, Safety, and Environmental (HSE) Personnel
- Project Managers
- Cost Engineers
- Production Engineers
- Asset Managers
- Anyone involved in drilling operations and well cost optimization in the Oil and Gas Industry.

**COST**  
**\$4,000**

▶ **Course Duration** ▶ **Date:**  
7 days

▶ **Time**  
8am – 4pm





- RHETORT COURSES HOLD IN-PERSON AND VIRTUALLY
- IN-PERSON COURSES HOLD IN NAIROBI, KIGALI, LAGOS, TORONTO, AND MAPUTO
- FOR BOOKING & ENQUIRIES CONTACT:  
[INFO@RHETORT.COM](mailto:INFO@RHETORT.COM)

VISIT OUR WEBSITE:  
[WWW.RHETORT.COM/TRAINING](http://WWW.RHETORT.COM/TRAINING) FOR  
MORE INFORMATION