

COURSE OVERVIEW DE0398
Drilling Project Management

Course Title

Drilling Project Management

Course Reference

DE0398

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

Course Date/Venue



Session(s)	Date	Venue
1	March 03-07, 2024	Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE
2	April 14-18, 2024	Boardroom, Warwick Hotel Doha, Doha, Qatar
3	May 05-09, 2024	Club B, Ramada Plaza By Wyndham Istanbul City Center, Istanbul, Turkey

Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.



This course is designed to provide participants with a detailed and up-to-date overview of Drilling Project Management. It covers the concepts of drilling operations and geological factors in site selection; the modern drilling equipment and technology; the safety management in drilling operations, basic safety protocols and risk management; the environmental considerations in drilling and environmental impacts and sustainability; the drilling project planning and timelines and detailed aspects of designing a drilling program; the techniques for cost estimation and budget management; the analysis of safety and risk in drilling projects; and the regulatory compliance, legal requirements and permits.



Further, the course will also discuss the effective communication strategies with stakeholders; managing supply chain logistics in drilling projects; the step-by-step guide to executing a drilling operation; the techniques for monitoring and controlling project performance; and the human resource management in drilling projects.

During this interactive course, participants will learn the approaches to problem-solving and decision-making in real-time; the technology integration in operations; the quality assurance and control in drilling operations; the agile and lean principles to drilling projects and effective project scheduling and time management strategies; the optimal allocation and use of resources; managing conflicts and team dynamics; the change management in drilling projects and handling changes and modifications during the project; analyzing data and preparing reports for stakeholders; the strategies for dealing with complex project challenges; the recent innovations and their impacts in drilling technology and management; and the future trends in drilling project management.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain a comprehensive knowledge on drilling project management
- Recognize the concepts of drilling operations and geological factors in site selection
- Use modern drilling equipment and technology as well as carryout safety management in drilling operations and basic safety protocols and risk management
- Explain environmental considerations in drilling and address environmental impacts and sustainability
- Illustrate drilling project planning and timelines and describe detailed aspects of designing a drilling program
- Apply proper techniques for cost estimation and budget management
- Analyze safety and risk in drilling projects as well as identify regulatory compliance and legal requirements and obtain permits
- Employ effective communication strategies with stakeholders and manage supply chain logistics in drilling projects
- Implement step-by-step guide to executing a drilling operation and apply systematic techniques for monitoring and controlling project performance
- Manage human resource teams and labor in drilling operations
- Develop approaches to problem-solving and decision-making in real-time
- Enhance operational efficiency using technology integration in operations
- Ensure quality assurance and control in drilling operations
- Apply agile and lean principles to drilling projects and effective project scheduling and time management strategies
- Evaluate optimal allocation and use of resources and manage conflicts and team dynamics
- Carryout change management in drilling projects and handle changes and modifications during the project
- Analyze data and prepare reports for stakeholders as well as apply appropriate strategies for dealing with complex project challenges
- Explore recent innovations and their impacts in drilling technology and management
- Discuss future trends in drilling project management and analyze effective closure of drilling projects and post-project evaluations

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Haward Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials, sample video clips of the instructor’s actual lectures & practical sessions during the course conveniently saved in a **Tablet PC**.

Who Should Attend

This course provides an overview of all significant aspects and considerations of drilling project management for drilling managers, project managers, operation managers, finance managers and project controllers with direct responsibility for, or involvement in the management of resources with on-going or planned drilling operations. It is also be suitable for senior drilling engineers, drilling superintendents and drilling supervisors.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Course Fee

Dubai	US\$ 8,000 per Delegate + VAT . This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Doha	US\$ 8,500 per Delegate. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Istanbul	US\$ 8,500 per Delegate + VAT . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation


Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Certificates are accredited by the following international accreditation organizations: -


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The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology’s courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant’s involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant’s CEU and PDH Transcript of Records upon request.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Mr. Konstantin Zorbalas, MSc, BSc, is a **Senior Petroleum Engineer & Well Completions Specialist** with over **25 years** of **offshore and onshore** experience in the **Oil & Gas, Refinery & Petrochemical** industries. His wide expertise includes **Workovers & Completions, Petroleum Risk & Decision Analysis, Acidizing Application in Sandstone & Carbonate, Well Testing Analysis, Stimulation Operations, Reserves Evaluation, Reservoir Fluid Properties, Reservoir Engineering & Simulation Studies, Reservoir Monitoring, Artificial Lift Design, Gas Operations, Workover/Remedial Operations & Heavy Oil Technology, Applied Water Technology, Oil & Gas Production, X-mas Tree & Wellhead Operations & Testing, Artificial Lift Systems (Gas Lift, ESP, and Rod Pumping), Well Cementing, Production Optimization, Well Completion Design, Sand Control, PLT Correlation, Slickline Operations, Acid Stimulation, Well testing, Production Logging, Drilling Project Management, Project Evaluation & Economic Analysis**. Further, he is actively involved in **Project Management** with special emphasis in production technology and field optimization, performing conceptual studies, economic analysis with risk assessment and field development planning. He is currently the **Senior Petroleum Engineer & Consultant of National Oil Company** wherein he is involved in the mega-mature fields in the Arabian Gulf, predominantly carbonate reservoirs; designing the acid stimulation treatments with post-drilling rigless operations; utilizing CT with tractors and DTS systems; and he is responsible for gas production and preparing for reservoir engineering and simulation studies, well testing activities, field and reservoir monitoring, production logging and optimization and well completion design.

During his career life, Mr. Zorbalas worked as a **Senior Production Engineer, Well Completion Specialist, Production Manager, Project Manager, Technical Manager, Technical Supervisor & Contracts Manager, Production Engineer, Production Supervisor, Production Technologist, Technical Specialist, Business Development Analyst, Field Production Engineer and Field Engineer**. He worked for many **world-class oil/gas companies** such as **ZADCO, ADMA-OPCO, Oilfield International Ltd, Burlington Resources** (later acquired by **Conoco Phillips**), **MOBIL E&P, Saudi Aramco, Pluspetrol E&P SA, Wintershall, Taylor Energy, Schlumberger, Rowan Drilling and Yukos EP** where he was in-charge of the **design and technical analysis** of a gas plant with capacity **1.8 billion m3/yr gas**. His achievements include **boosting oil production 17.2% per year** since 1999 using **ESP and Gas Lift systems**.

Mr. Zorbalas has **Master and Bachelor** degrees in **Petroleum Engineering** from the **Mississippi State University, USA**. Further, he is an **SPE Certified Petroleum Engineer, Certified Instructor/Trainer, a Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management (ILM)**, an active member of the Society of Petroleum Engineers (**SPE**) and has numerous scientific and technical publications and delivered innumerable training courses, seminars and workshops worldwide.



Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	<i>Registration & Coffee</i>
0800 – 0815	<i>Welcome & Introduction</i>
0815 – 0830	PRE-TEST
0830 – 0930	Overview of Drilling Operations: <i>Introduction to Drilling Project Management, Key Terms, and Concepts</i>
0930 – 0945	<i>Break</i>
0945 – 1030	Geology & Drilling Sites Selection: <i>Geological Factors in Site Selection</i>
1030 – 1115	Drilling Equipment & Technology: <i>Overview of Modern Drilling Equipment and Technology</i>
1115 – 1215	Safety Management in Drilling Operations: <i>Basic Safety Protocols and Risk Management</i>
1215 – 1230	<i>Break</i>
1230 – 1330	Environmental Considerations in Drilling: <i>Addressing Environmental Impacts and Sustainability</i>
1330 – 1420	Project Planning Basics: <i>Drilling Project Planning and Timelines</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day One</i>

Day 2

0730 – 0830	Drilling Program Design: <i>Detailed Aspects of Designing a Drilling Program</i>
0830 – 0930	Cost Estimation & Budgeting: <i>Techniques for Cost Estimation and Budget Management</i>
0930 – 0945	<i>Break</i>
0945 – 1100	Advanced Safety & Risk Management: <i>Analysis of Safety and Risk in Drilling Projects</i>
1100 – 1215	Regulatory Compliance & Permits: <i>Legal Requirements and Obtaining Permits</i>
1215 – 1230	<i>Break</i>
1230 – 1330	Stakeholder Engagement & Communication: <i>Effective Communication Strategies with Stakeholders</i>
1330 – 1420	Supply Chain & Logistics Management: <i>Managing Supply Chain Logistics in Drilling Projects</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3

0730 – 0830	Drilling Operation Execution: <i>Step-by-step Guide to Executing a Drilling Operation</i>
0830 – 0930	Performance Monitoring & Control: <i>Techniques for Monitoring and Controlling Project Performance</i>
0930 – 0945	<i>Break</i>
0945 – 1100	Human Resource Management in Drilling Projects: <i>Managing Teams and Labor in Drilling Operations</i>





1100 – 1215	Problem Solving & Decision Making: Approaches to Problem-Solving and Decision-Making In Real-Time
1215 – 1230	Break
1230 – 1330	Technology Integration in Operations: Using Technology to Enhance Operational Efficiency
1330 – 1420	Quality Assurance & Control: Ensuring Quality in Drilling Operations
1420 – 1430	Recap
1430	Lunch & End of Day Three

Day 4

0730 – 0830	Agile & Lean Management in Drilling: Applying Agile and Lean Principles to Drilling Projects
0830 – 0930	Project Scheduling & Time Management: Effective Scheduling and Time Management Strategies
0930 – 0945	Break
0945 – 1100	Resource Allocation & Optimization: Optimal Allocation and Use of Resources
1100 – 1215	Conflict Resolution & Team Dynamics: Managing Conflicts and Team Dynamics
1215 – 1230	Break
1230 – 1330	Change Management in Drilling Projects: Handling Changes and Modifications During the Project
1330 – 1420	Data Analysis & Reporting: Analyzing Data and Preparing Reports for Stakeholders
1420 – 1430	Recap
1430	Lunch & End of Day Four

Day 5

0730 – 0830	Handling Complex Challenges in Drilling: Strategies for Dealing with Complex Project Challenges
0830 – 0930	Innovations in Drilling Technology & Management: Exploring Recent Innovations and their Impacts
0930 – 0945	Break
0945 – 1100	Case Studies of Successful Drilling Projects: Analysis of Successful Drilling Projects and Key Takeaways
1100 – 1215	Future Trends in Drilling Project Management: Discussion on Upcoming Trends and Future Outlook
1215 – 1230	Break
1230 – 1345	Project Closure & Post-Project Analysis: Effective Closure of Drilling Projects and Post-Project Evaluations
1345 – 1400	Course Conclusion
1400 – 1415	POST-TEST
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course



Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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