Nuclear Magnetic Resonance (NMR) Core Analysis Training Course

OGI-1432 · 5 days · 15 CPD hours · English

Overview

The Nuclear Magnetic Resonance NMR Core Analysis Training Course by Institute For Oil & Gas Training develops the technical expertise required to perform, interpret and apply NMR Core Analysis for reservoir characterisation, petrophysical evaluation and production planning. The programme focuses on NMR core measurements, T2 relaxation analysis, pore size distribution, fluid typing, bound and movable fluids, and permeability estimation to improve the reliability of laboratory-derived reservoir properties.

Accurate core analysis is essential to understanding reservoir quality, fluid distribution and the characteristics that influence hydrocarbon recovery. Conventional core analysis provides important information about porosity, permeability and fluid saturation, but these measurements do not always provide sufficient detail about pore structures, fluid mobility and the distribution of fluids within complex reservoir systems. Nuclear Magnetic Resonance provides additional insight by measuring the response of hydrogen nuclei within pore fluids and analysing their relaxation behaviour. These measurements support a more detailed understanding of the pore system and the relationship between reservoir structure and fluid movement.

For oil and gas organisations, the ability to extract reliable information from core samples directly influences reservoir evaluation, formation characterisation and development decisions. NMR measurements provide valuable information about pore size distribution, fluid populations and the distinction between bound and movable fluids. When integrated with conventional core analysis, well logging and other petrophysical measurements, NMR data strengthens the interpretation of reservoir properties and supports more representative reservoir models.

However, obtaining meaningful results from NMR measurements requires more than operating laboratory equipment. Technical personnel must understand sample preparation, measurement conditions, instrument configuration, signal acquisition, relaxation mechanisms, data quality control and interpretation procedures. They must also recognise the influence of fluid composition, pore geometry, surface relaxation and measurement conditions on the resulting data. Incorrect interpretation of these factors leads to unreliable permeability estimates, misleading fluid classifications and inaccurate assessments of reservoir quality.

The Nuclear Magnetic Resonance NMR Core Analysis Training Course addresses these technical requirements through an integrated examination of NMR measurement principles, laboratory workflows and practical interpretation techniques. Institute For Oil & Gas Training develops participants' understanding of how NMR measurements translate into meaningful petrophysical information. The programme examines T2 relaxation distributions, porosity determination, pore size distribution, fluid typing and permeability estimation, with particular attention to the relationship between laboratory measurements and reservoir conditions.

Participants explore the interpretation of T2 relaxation data and its application in identifying different fluid populations within core samples. They examine the relationship between relaxation time and pore characteristics, including the

influence of surface relaxivity and fluid properties. The course also addresses the identification of bound and movable fluids, the interpretation of fluid volume distributions and the limitations associated with using NMR-derived parameters as direct indicators of pore size and permeability.

A further focus is the integration of NMR core measurements with conventional laboratory results and other reservoir evaluation data. Participants examine how NMR-derived porosity, fluid distributions and permeability estimates contribute to formation evaluation and reservoir characterisation. This integration helps technical teams distinguish between measurement observations, interpretation assumptions and calculated reservoir parameters.

The programme is particularly relevant to organisations operating in conventional and unconventional reservoirs, where reliable core-derived information supports reservoir modelling, field development and production optimisation. It strengthens the technical connection between laboratory specialists, petrophysicists, reservoir engineers and subsurface management teams.

Through Institute For Oil & Gas Training, participants develop a structured approach to NMR Core Analysis that supports consistent laboratory practices, defensible interpretation and more effective communication of core analysis findings. The resulting capabilities contribute to improved reservoir understanding, stronger technical decision-making and more effective use of laboratory data throughout the asset lifecycle.

Objectives

- Explain the fundamental principles of nuclear magnetic resonance and their application to laboratory core analysis.
- Describe the physical mechanisms governing nuclear spin behaviour, signal acquisition and relaxation measurements.
- Identify the main components and operational functions of laboratory NMR core analysis equipment.
- Apply appropriate sample preparation and conditioning procedures for reliable NMR measurements.
- Understand the influence of fluid saturation, sample condition, temperature and measurement settings on NMR responses.
- Interpret T1 and T2 relaxation behaviour and understand their significance in reservoir characterisation.
- Analyse T2 relaxation distributions to evaluate pore systems and fluid populations.
- Determine NMR-derived porosity from calibrated signal measurements.
- Interpret pore size distribution information while recognising the influence of surface relaxivity and pore geometry.

- Distinguish bound fluids from movable fluids using appropriate relaxation measurements and laboratory procedures.
- Evaluate fluid typing techniques and understand the role of diffusion measurements in distinguishing fluid populations.
- Apply established NMR permeability estimation approaches and assess their underlying assumptions.
- Compare NMR-derived permeability estimates with conventional core laboratory measurements.
- Identify measurement uncertainties, calibration requirements and potential sources of interpretation error.
- Integrate NMR core measurements with routine core analysis, special core analysis and petrophysical datasets.
- Communicate NMR interpretation results through structured technical reporting that supports reservoir engineering and asset management decisions.

Training methodology

The Nuclear Magnetic Resonance NMR Core Analysis Training Course adopts an applied, industry-focused methodology that connects NMR measurement principles with the practical requirements of core laboratory operations and reservoir evaluation. Institute For Oil & Gas Training structures the programme around the technical workflows followed by core analysts, laboratory specialists, petrophysicists and reservoir engineers.

The delivery approach combines specialist technical presentations, laboratory workflow demonstrations, interpretation exercises, technical case studies, group discussions and real-world reservoir scenarios. These methods help participants understand the complete NMR analysis process, from sample preparation and measurement configuration to data interpretation and integration with conventional core analysis.

Technical presentations and specialist instruction establish the scientific and operational foundations of NMR Core Analysis. Participants examine nuclear magnetic resonance principles, hydrogen proton behaviour, longitudinal and transverse relaxation, measurement sequences and the factors affecting NMR signal response. Particular attention is given to understanding how T2 relaxation distributions reflect the interaction between pore fluids and the internal surfaces of reservoir rocks.

NMR measurement workflow demonstrations introduce the procedures involved in preparing core samples, establishing measurement conditions, acquiring signals and assessing data quality. Participants examine the importance of sample condition, fluid saturation, instrument calibration, temperature control and measurement consistency. These demonstrations establish the relationship between laboratory procedures and the reliability of the resulting measurements.

T2 relaxation interpretation exercises provide practical experience in examining relaxation distributions and identifying different fluid populations. Participants work through representative datasets to understand relaxation time

distributions, signal amplitudes, cut-off selection and the interpretation of short and long relaxation components. The exercises also highlight the importance of understanding surface relaxivity and other influences before converting relaxation times into estimates of pore size.

Pore structure and fluid distribution case studies demonstrate how NMR measurements support reservoir characterisation. Participants examine relationships between relaxation behaviour, pore size distribution, porosity and fluid mobility. They assess how different pore systems influence measured responses and how NMR data contributes to identifying bound and movable fluids.

Permeability estimation exercises introduce established NMR-based approaches for estimating permeability from relaxation measurements and porosity information. Participants examine the assumptions behind commonly applied empirical models, the influence of calibration parameters and the importance of comparing estimated values with conventional laboratory permeability measurements.

Fluid typing and reservoir evaluation scenarios provide opportunities to assess NMR measurements in relation to different fluid populations and reservoir conditions. Participants examine the interpretation of water-filled, hydrocarbon-bearing and mixed-fluid systems, while recognising the limitations of relying exclusively on relaxation distributions for fluid identification.

Group exercises and technical discussions encourage participants to compare interpretation approaches, identify potential sources of measurement uncertainty and evaluate the implications of different analytical assumptions. These activities strengthen communication between laboratory and subsurface disciplines and promote consistent technical interpretation.

Integrated case studies bring the different elements together by examining how NMR core measurements complement routine core analysis, special core analysis and well logging information. Participants develop an understanding of how laboratory results support formation evaluation, reservoir modelling and development planning.

The methodology prioritises practical interpretation, technical reasoning and the application of measurement results to operational requirements. By combining scientific understanding with realistic laboratory and reservoir scenarios, Institute For Oil & Gas Training helps participants develop capabilities that transfer directly into professional core analysis and subsurface evaluation activities.

Organisational impact

NMR Core Analysis provides oil and gas organisations with valuable information about reservoir pore systems, fluid distribution and petrophysical characteristics. Developing internal expertise in this analytical technique strengthens laboratory capabilities and improves the application of core-derived information in subsurface decision-making.

Improved Reservoir Characterisation

Organisations gain a more detailed understanding of reservoir pore structures, porosity distribution and fluid mobility. NMR measurements complement conventional core analysis and support the evaluation of reservoir heterogeneity. Improved interpretation enables subsurface teams to develop more representative reservoir descriptions and establish a stronger technical basis for development planning.

More Reliable Permeability Evaluation

Permeability estimation is essential to reservoir modelling, production forecasting and flow assessment. The course strengthens understanding of NMR-based permeability models, their calibration requirements and their limitations. Organisations benefit from more effective evaluation of estimated permeability values through comparison with conventional laboratory measurements and other available reservoir data.

Better Understanding of Fluid Mobility

Distinguishing bound and movable fluids supports the evaluation of effective pore volume and potential fluid production. NMR-derived fluid distribution information helps technical teams assess pore accessibility and identify differences between fluids retained within smaller pore systems and fluids occupying larger, more connected pores. This improves the interpretation of reservoir storage and flow characteristics.

Improved Laboratory Data Quality

Consistent sample preparation, measurement configuration, calibration and quality control contribute to more dependable laboratory results. The programme strengthens organisational understanding of the factors influencing NMR measurements and the importance of documenting analytical conditions. Better control of these activities improves the comparability and repeatability of laboratory results.

More Effective Integration of Technical Data

NMR measurements provide greater value when interpreted alongside conventional porosity, permeability, saturation and other petrophysical results. The course promotes a structured approach to integrating different datasets, improving collaboration between core laboratories, petrophysics teams and reservoir engineering departments. This reduces the risk of making development decisions based on isolated measurements.

More Efficient Technical Evaluation

A stronger understanding of NMR interpretation helps organisations identify suitable measurements, recognise questionable results and focus further investigation on areas of uncertainty. This supports more efficient laboratory workflows, improves technical evaluation and strengthens the allocation of analytical resources.

Stronger Technical Decision-Making

Organisations benefit from personnel who can explain the assumptions behind NMR-derived parameters and communicate their implications clearly. This improves the technical review of reservoir properties, strengthens confidence in laboratory findings and supports informed decisions concerning reservoir development and production optimisation.

Improved Knowledge Retention

Developing internal NMR interpretation capabilities reduces dependence on a limited number of external specialists for routine technical evaluation. Participants establish a common understanding of measurement principles, interpretation limitations and reporting requirements, supporting knowledge transfer across laboratory and subsurface teams.

Personal impact

The Nuclear Magnetic Resonance NMR Core Analysis Training Course strengthens the technical and professional capabilities of individuals involved in petroleum core analysis, petrophysics and reservoir evaluation.

Participants develop a deeper understanding of nuclear magnetic resonance principles and their practical application to reservoir rock characterisation. They gain the ability to explain how NMR signals originate, how relaxation behaviour relates to pore fluids and how measurement conditions influence the quality of analytical results.

The course develops practical interpretation skills in T2 relaxation analysis, enabling participants to examine relaxation distributions and identify meaningful characteristics of reservoir pore systems. They strengthen their understanding of pore size distribution, surface relaxivity and the relationship between relaxation times and fluid interactions within rock samples.

Participants also improve their ability to evaluate bound and movable fluids. They learn how NMR measurements support the interpretation of fluid populations, effective porosity and fluid mobility. This knowledge strengthens their contribution to reservoir quality assessments and formation evaluation activities.

Another important professional benefit is improved understanding of permeability estimation. Participants examine established NMR-based models, identify the parameters influencing calculated values and understand why laboratory calibration and comparison with conventional permeability measurements remain important.

The programme also develops analytical judgement. Participants become better equipped to recognise incomplete measurements, identify possible sources of uncertainty and distinguish direct measurement results from model-derived interpretations. This supports more responsible technical reporting and improves the quality of professional recommendations.

From a career perspective, the course strengthens the ability to work across core laboratory, petrophysics, reservoir engineering and subsurface disciplines. Participants gain technical knowledge that supports broader responsibilities in laboratory management, formation evaluation, reservoir characterisation and integrated asset studies.

Additional personal benefits include:

- Greater confidence in discussing NMR measurement principles with laboratory specialists and subsurface professionals.
- Improved ability to interpret laboratory datasets and explain their technical significance.
- Stronger understanding of the relationship between pore structure, fluid distribution and reservoir flow properties.
- Better preparation for technical reviews involving NMR-derived porosity and permeability.
- Improved capability to evaluate laboratory procedures and measurement quality.

- Stronger communication skills when presenting core analysis findings to multidisciplinary teams.
- Increased professional versatility across core analysis, petrophysics and reservoir engineering activities.

Who should attend

- Core Analysts: Professionals seeking to strengthen their understanding of NMR measurement procedures and core characterisation techniques.
- Core Laboratory Specialists: Personnel responsible for laboratory testing, sample preparation, measurement quality and analytical reporting.
- Petrophysicists: Specialists integrating NMR measurements with well log interpretation and reservoir evaluation.
- Reservoir Engineers: Engineers requiring a stronger understanding of pore structure, fluid mobility and NMR-derived permeability.
- Formation Evaluation Specialists: Professionals evaluating reservoir properties through laboratory measurements and well logging datasets.
- Geologists and Reservoir Geologists: Specialists interpreting reservoir heterogeneity, pore characteristics and rock properties.
- Rock Physics Specialists: Professionals examining relationships between rock structure, fluid properties and measured physical responses.
- Special Core Analysis Specialists: Personnel involved in advanced laboratory evaluation of reservoir flow and fluid distribution characteristics.
- Laboratory Supervisors and Managers: Managers responsible for laboratory operations, analytical procedures, quality control and technical reporting.
- Petroleum Engineering Professionals: Engineers seeking to understand the application of NMR core measurements in reservoir development and production evaluation.
- Subsurface Team Leaders: Senior technical professionals responsible for reviewing laboratory results and coordinating multidisciplinary reservoir studies.
- Technical Consultants: Consultants providing specialist support in core analysis, reservoir characterisation and petrophysical evaluation.

Course outline

Fundamentals of Nuclear Magnetic Resonance Core Analysis

This module establishes the scientific and technical foundations of NMR Core Analysis and explains how nuclear magnetic resonance measurements contribute to petroleum reservoir characterisation. Participants examine the behaviour of hydrogen nuclei in magnetic fields, the generation of NMR signals and the relaxation mechanisms that provide information about fluids within reservoir rocks.

The module also introduces laboratory NMR equipment, measurement configurations and the factors influencing signal quality. Emphasis is placed on understanding the relationship between rock properties, fluid characteristics and the measured NMR response.

Core Sample Preparation and NMR Measurement Procedures

Reliable NMR Core Analysis begins with appropriate sample preparation and controlled measurement procedures. This module examines the laboratory workflows required to prepare reservoir rock samples, establish suitable fluid conditions and obtain representative NMR measurements.

Participants explore the influence of sample preservation, cleaning, drying, saturation and fluid selection on measured responses. The module also addresses measurement configuration, acquisition parameters and quality control procedures. Particular attention is given to the relationship between sample preparation and the reliability of subsequent porosity, fluid distribution and relaxation interpretations.

T2 Relaxation Analysis and Pore Size Distribution

This module focuses on the interpretation of T2 relaxation measurements and their application to understanding reservoir pore systems. Participants examine how transverse relaxation behaviour reflects interactions between pore fluids and rock surfaces and how relaxation distributions provide information about pore environments.

The module develops an understanding of the relationship between T2 relaxation times, surface-to-volume ratios, surface relaxivity and pore characteristics. Participants explore the interpretation of relaxation distributions, the identification of different pore populations and the limitations of converting NMR relaxation times into direct pore size estimates.

Fluid Typing and Bound and Movable Fluids

This module examines how NMR measurements contribute to identifying fluid populations and evaluating fluid mobility within reservoir rocks. Participants explore the interpretation of bound and movable fluids, the significance of relaxation distributions and the use of laboratory conditioning procedures to distinguish different fluid volume components.

The module also introduces advanced fluid characterisation techniques, including diffusion-sensitive measurements and combined T1-T2 and D-T2 analysis. Participants examine how these techniques provide additional information when conventional T2 relaxation distributions alone are insufficient to distinguish fluids with overlapping relaxation characteristics.

NMR Permeability Estimation and Integrated Reservoir Evaluation

The final module brings together the measurement and interpretation techniques covered throughout the programme. Participants examine how NMR-derived porosity, T2 relaxation distributions and fluid volume information support permeability estimation and integrated reservoir evaluation.

The module focuses on established empirical permeability models, calibration requirements and the comparison of NMR-derived estimates with conventional laboratory measurements. Participants also examine how NMR results contribute to formation evaluation, reservoir modelling and technical reporting, with emphasis on understanding analytical limitations and communicating results appropriately.

Scheduled dates

Dates	Venue	Format	Fee
16 - 20 Nov 2026	Abu Dhabi, United Arab Emirates	In person	On request
16 - 20 Nov 2026	Abuja, Nigeria	In person	On request
16 - 20 Nov 2026	Accra, Ghana	In person	On request
16 - 20 Nov 2026	Addis Ababa, Ethiopia	In person	On request
16 - 20 Nov 2026	Al Ain, United Arab Emirates	In person	On request
16 - 20 Nov 2026	Al Khobar, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Alberta, Canada	In person	On request
16 - 20 Nov 2026	AlUla, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Amman, Jordan	In person	On request
16 - 20 Nov 2026	Amsterdam, Netherlands	In person	On request
16 - 20 Nov 2026	Athens, Greece	In person	On request
16 - 20 Nov 2026	Baku, Azerbaijan	In person	On request
16 - 20 Nov 2026	Barcelona, Spain	In person	On request
16 - 20 Nov 2026	Berlin, Germany	In person	On request
16 - 20 Nov 2026	Boston, United States	In person	On request
16 - 20 Nov 2026	Brussels, Belgium	In person	On request
16 - 20 Nov 2026	Budapest, Hungary	In person	On request
16 - 20 Nov 2026	Cairo, Egypt	In person	On request
16 - 20 Nov 2026	Cape Town, South Africa	In person	On request

Dates	Venue	Format	Fee
16 - 20 Nov 2026	Casablanca, Morocco	In person	On request
16 - 20 Nov 2026	Dammam, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Dhahran, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Doha, Qatar	In person	On request
16 - 20 Nov 2026	Dubai, United Arab Emirates	In person	On request
16 - 20 Nov 2026	Edinburgh, United Kingdom	In person	On request
16 - 20 Nov 2026	Edmonton, Canada	In person	On request
16 - 20 Nov 2026	Frankfurt, Germany	In person	On request
16 - 20 Nov 2026	Geneva, Switzerland	In person	On request
16 - 20 Nov 2026	Houston, United States	In person	On request
16 - 20 Nov 2026	Istanbul, Turkey	In person	On request
16 - 20 Nov 2026	Jakarta, Indonesia	In person	On request
16 - 20 Nov 2026	Jeddah, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Jubail, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Khamis Mushait, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Kigali, Rwanda	In person	On request
16 - 20 Nov 2026	Kuala Lumpur, Malaysia	In person	On request
16 - 20 Nov 2026	Lisbon, Portugal	In person	On request
16 - 20 Nov 2026	Liverpool, United Kingdom	In person	On request
16 - 20 Nov 2026	London, United Kingdom	In person	On request
16 - 20 Nov 2026	Los Angeles, United States	In person	On request
16 - 20 Nov 2026	Luanda, Angola	In person	On request
16 - 20 Nov 2026	Madrid, Spain	In person	On request
16 - 20 Nov 2026	Manama, Bahrain	In person	On request
16 - 20 Nov 2026	Marbella, Spain	In person	On request
16 - 20 Nov 2026	Marrakech, Morocco	In person	On request

Dates	Venue	Format	Fee
16 - 20 Nov 2026	Miami, United States	In person	On request
16 - 20 Nov 2026	Milan, Italy	In person	On request
16 - 20 Nov 2026	Munich, Germany	In person	On request
16 - 20 Nov 2026	Muscat, Oman	In person	On request
16 - 20 Nov 2026	Nairobi, Kenya	In person	On request
16 - 20 Nov 2026	New York, United States	In person	On request
16 - 20 Nov 2026	Nice, France	In person	On request
16 - 20 Nov 2026	Nouakchott, Mauritania	In person	On request
16 - 20 Nov 2026	Oslo, Norway	In person	On request
16 - 20 Nov 2026	Paris, France	In person	On request
16 - 20 Nov 2026	Port Louis, Mauritius	In person	On request
16 - 20 Nov 2026	Prague, Czech Republic	In person	On request
16 - 20 Nov 2026	Pretoria, South Africa	In person	On request
16 - 20 Nov 2026	Riyadh, Saudi Arabia	In person	On request
16 - 20 Nov 2026	Rome, Italy	In person	On request
16 - 20 Nov 2026	Sarajevo, Bosnia and Herzegovina	In person	On request
16 - 20 Nov 2026	Sharm El Sheikh, Egypt	In person	On request
16 - 20 Nov 2026	Singapore	In person	On request
16 - 20 Nov 2026	Stockholm, Sweden	In person	On request
16 - 20 Nov 2026	Tokyo, Japan	In person	On request
16 - 20 Nov 2026	Toronto, Canada	In person	On request
16 - 20 Nov 2026	Tromso, Norway	In person	On request
16 - 20 Nov 2026	Vienna, Austria	In person	On request
16 - 20 Nov 2026	Zagreb, Croatia	In person	On request
16 - 20 Nov 2026	Zurich, Switzerland	In person	On request
16 - 20 Nov 2026	Online, Virtual	Online	On request

Dates	Venue	Format	Fee
15 - 19 Mar 2027	Abu Dhabi, United Arab Emirates	In person	£4,500
15 - 19 Mar 2027	Abuja, Nigeria	In person	£4,500
15 - 19 Mar 2027	Accra, Ghana	In person	£4,500
15 - 19 Mar 2027	Addis Ababa, Ethiopia	In person	£4,500
15 - 19 Mar 2027	Al Ain, United Arab Emirates	In person	£4,500
15 - 19 Mar 2027	Al Khobar, Saudi Arabia	In person	£4,500
15 - 19 Mar 2027	Alberta, Canada	In person	£4,500
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15 - 19 Mar 2027	Cape Town, South Africa	In person	£4,500
15 - 19 Mar 2027	Casablanca, Morocco	In person	£4,500
15 - 19 Mar 2027	Dammam, Saudi Arabia	In person	£4,500
15 - 19 Mar 2027	Dhahran, Saudi Arabia	In person	£4,500
15 - 19 Mar 2027	Doha, Qatar	In person	£4,500
15 - 19 Mar 2027	Dubai, United Arab Emirates	In person	£4,500
15 - 19 Mar 2027	Edinburgh, United Kingdom	In person	£4,500
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15 - 19 Mar 2027	Geneva, Switzerland	In person	£4,500
15 - 19 Mar 2027	Houston, United States	In person	£4,500
15 - 19 Mar 2027	Istanbul, Turkey	In person	£4,500
15 - 19 Mar 2027	Jakarta, Indonesia	In person	£4,500
15 - 19 Mar 2027	Jeddah, Saudi Arabia	In person	£4,500
15 - 19 Mar 2027	Jubail, Saudi Arabia	In person	£4,500
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15 - 19 Mar 2027	Marrakech, Morocco	In person	£4,500
15 - 19 Mar 2027	Miami, United States	In person	£4,500
15 - 19 Mar 2027	Milan, Italy	In person	£4,500
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15 - 19 Mar 2027	Muscat, Oman	In person	£4,500
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15 - 19 Mar 2027	New York, United States	In person	£4,500
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15 - 19 Mar 2027	Nouakchott, Mauritania	In person	£4,500
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15 - 19 Mar 2027	Sharm El Sheikh, Egypt	In person	£4,500
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12 - 16 Jul 2027	Toronto, Canada	In person	£4,500
12 - 16 Jul 2027	Tromso, Norway	In person	£4,500
12 - 16 Jul 2027	Vienna, Austria	In person	£4,500
12 - 16 Jul 2027	Zagreb, Croatia	In person	£4,500
12 - 16 Jul 2027	Zurich, Switzerland	In person	£4,500
12 - 16 Jul 2027	Online, Virtual	Online	£4,500
15 - 19 Nov 2027	Abu Dhabi, United Arab Emirates	In person	£4,500
15 - 19 Nov 2027	Abuja, Nigeria	In person	£4,500
15 - 19 Nov 2027	Accra, Ghana	In person	£4,500
15 - 19 Nov 2027	Addis Ababa, Ethiopia	In person	£4,500
15 - 19 Nov 2027	Al Ain, United Arab Emirates	In person	£4,500
15 - 19 Nov 2027	Al Khobar, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Alberta, Canada	In person	£4,500
15 - 19 Nov 2027	AlUla, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Amman, Jordan	In person	£4,500
15 - 19 Nov 2027	Amsterdam, Netherlands	In person	£4,500
15 - 19 Nov 2027	Athens, Greece	In person	£4,500
15 - 19 Nov 2027	Baku, Azerbaijan	In person	£4,500
15 - 19 Nov 2027	Barcelona, Spain	In person	£4,500
15 - 19 Nov 2027	Berlin, Germany	In person	£4,500

Dates	Venue	Format	Fee
15 - 19 Nov 2027	Boston, United States	In person	£4,500
15 - 19 Nov 2027	Brussels, Belgium	In person	£4,500
15 - 19 Nov 2027	Budapest, Hungary	In person	£4,500
15 - 19 Nov 2027	Cairo, Egypt	In person	£4,500
15 - 19 Nov 2027	Cape Town, South Africa	In person	£4,500
15 - 19 Nov 2027	Casablanca, Morocco	In person	£4,500
15 - 19 Nov 2027	Dammam, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Dhahran, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Doha, Qatar	In person	£4,500
15 - 19 Nov 2027	Dubai, United Arab Emirates	In person	£4,500
15 - 19 Nov 2027	Edinburgh, United Kingdom	In person	£4,500
15 - 19 Nov 2027	Edmonton, Canada	In person	£4,500
15 - 19 Nov 2027	Frankfurt, Germany	In person	£4,500
15 - 19 Nov 2027	Geneva, Switzerland	In person	£4,500
15 - 19 Nov 2027	Houston, United States	In person	£4,500
15 - 19 Nov 2027	Istanbul, Turkey	In person	£4,500
15 - 19 Nov 2027	Jakarta, Indonesia	In person	£4,500
15 - 19 Nov 2027	Jeddah, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Jubail, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Khamis Mushait, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Kigali, Rwanda	In person	£4,500
15 - 19 Nov 2027	Kuala Lumpur, Malaysia	In person	£4,500
15 - 19 Nov 2027	Lisbon, Portugal	In person	£4,500
15 - 19 Nov 2027	Liverpool, United Kingdom	In person	£4,500
15 - 19 Nov 2027	London, United Kingdom	In person	£4,500
15 - 19 Nov 2027	Los Angeles, United States	In person	£4,500

Dates	Venue	Format	Fee
15 - 19 Nov 2027	Luanda, Angola	In person	£4,500
15 - 19 Nov 2027	Madrid, Spain	In person	£4,500
15 - 19 Nov 2027	Manama, Bahrain	In person	£4,500
15 - 19 Nov 2027	Marbella, Spain	In person	£4,500
15 - 19 Nov 2027	Marrakech, Morocco	In person	£4,500
15 - 19 Nov 2027	Miami, United States	In person	£4,500
15 - 19 Nov 2027	Milan, Italy	In person	£4,500
15 - 19 Nov 2027	Munich, Germany	In person	£4,500
15 - 19 Nov 2027	Muscat, Oman	In person	£4,500
15 - 19 Nov 2027	Nairobi, Kenya	In person	£4,500
15 - 19 Nov 2027	New York, United States	In person	£4,500
15 - 19 Nov 2027	Nice, France	In person	£4,500
15 - 19 Nov 2027	Nouakchott, Mauritania	In person	£4,500
15 - 19 Nov 2027	Oslo, Norway	In person	£4,500
15 - 19 Nov 2027	Paris, France	In person	£4,500
15 - 19 Nov 2027	Port Louis, Mauritius	In person	£4,500
15 - 19 Nov 2027	Prague, Czech Republic	In person	£4,500
15 - 19 Nov 2027	Pretoria, South Africa	In person	£4,500
15 - 19 Nov 2027	Riyadh, Saudi Arabia	In person	£4,500
15 - 19 Nov 2027	Rome, Italy	In person	£4,500
15 - 19 Nov 2027	Sarajevo, Bosnia and Herzegovina	In person	£4,500
15 - 19 Nov 2027	Sharm El Sheikh, Egypt	In person	£4,500
15 - 19 Nov 2027	Singapore	In person	£4,500
15 - 19 Nov 2027	Stockholm, Sweden	In person	£4,500
15 - 19 Nov 2027	Tokyo, Japan	In person	£4,500
15 - 19 Nov 2027	Toronto, Canada	In person	£4,500

Dates	Venue	Format	Fee
15 - 19 Nov 2027	Tromso, Norway	In person	£4,500
15 - 19 Nov 2027	Vienna, Austria	In person	£4,500
15 - 19 Nov 2027	Zagreb, Croatia	In person	£4,500
15 - 19 Nov 2027	Zurich, Switzerland	In person	£4,500
15 - 19 Nov 2027	Online, Virtual	Online	£4,500

Certificate

Upon successful completion of the Nuclear Magnetic Resonance NMR Core Analysis Training Course, attendees receive a Certificate of Completion from Institute For Oil & Gas Training.

The certificate recognises participation in the programme and completion of its professional training requirements. Attendees must satisfy the course attendance requirement of at least 80% of the total scheduled training to qualify for the Certificate of Completion.