

Conventional and Special Core Analysis

Paris (France)

19 - 30 January 2026

UK Traininig

PARTNER



Conventional and Special Core Analysis

Code: OG28 From: 19 - 30 January 2026 City: Paris (France) Fees: 8600 Pound

Introduction

Welcome to the Conventional and Special Core Analysis course, a comprehensive program designed to equip participants with advanced knowledge and practical skills in core analysis techniques. This course delves into both conventional core analysis and special core analysis SCAL, providing a thorough understanding of core sample analysis in the fields of geology and reservoir engineering. Participants will explore the types of core analysis, including digital core analysis, and learn how to interpret and integrate data for effective reservoir evaluation and development. By blending theoretical foundations with hands-on applications, this course answers the question, what is core analysis, and illustrates its critical role in reservoir management.

Course Objectives

- Understand the core meaning and its significance in evaluating and developing reservoirs.
- Introduce participants to cutting-edge core analysis techniques used in both conventional core and special core analysis.
- Develop advanced skills in interpreting core data to extract vital reservoir parameters.
- Learn how to integrate core analysis results with other reservoir characterization data.
- Gain insights into the challenges and limitations of core business analysis, core problem analysis, and core cause analysis.
- Enhance decision-making in reservoir management based on core sample analysis outcomes.

Course Outlines

Day 1: Introduction to Core Analysis

- Overview of core analysis and its role in geology and reservoir studies.
- Core definition, types of cores, and core samples.
- Core analysis workflows and laboratory techniques.

Day 2: Core Sampling and Preparation

- Methods for core sampling and critical considerations.
- Best practices for core preservation and handling.
- Labeling and core storage procedures.

Day 3: Porosity Analysis

- Introduction to porosity and its relevance in reservoir evaluation.
- Techniques for porosity determination, from conventional core analysis to advanced methods.
- Interpretation of porosity data.



Day 4: Permeability Analysis

- Techniques for measuring permeability, both in the lab and the field.
- Factors influencing permeability measurements.
- Analysis of permeability data.

Day 5: Saturation Analysis

- Methods for saturation determination, including capillary pressure and resistivity measurements.
- Evaluation of wettability and its influence on saturation.
- Data interpretation techniques.

Day 6: Special Core Analysis Techniques

- Introduction to special core analysis SCAL and its advanced applications.
- Relative permeability measurements and interpretation.
- Core flooding experiments and data analysis.

Day 7: Core-Log Integration

- Integrating core data with well logs for comprehensive petrophysical analysis.
- Determining rock and fluid properties using combined data.

Day 8: Core Data Interpretation

- Quantitative interpretation of core data.
- Assessing reservoir quality and identifying flow units.
- Estimating key reservoir parameters like porosity, permeability, and saturation.

Day 9: Case Studies and Practical Applications

- Analyzing core data from diverse reservoir types.
- Case studies showcasing core analysis applications in reservoir characterization.
- Practical workshops focused on data interpretation and decision-making.

Day 10: Advanced Topics and Future Directions

- Emerging technologies in digital core analysis and their impact on the field.
- Challenges and limitations of current core analysis techniques.
- Future trends and research directions in core analysis.

Why Attend this Course: Wins & Losses!

- Master both conventional core analysis and special core analysis techniques.
- Gain practical skills in core problem analysis and core cause analysis, enhancing your ability to troubleshoot complex reservoir issues.
- Learn to integrate core data with digital tools, unlocking the effective core potential of modern technologies.
- Improve decision-making skills in reservoir management by understanding the nuances of core business

analysis.

Conclusion

By the end of this course, participants will have a deep understanding of both conventional core analysis and special core analysis SCAL. They will be proficient in applying advanced core analysis techniques to geological data, integrating findings with other reservoir characterization tools, and making informed decisions in reservoir management. Ideal for geologists, reservoir engineers, and core analysis technicians, this course provides the essential skills and insights needed to excel in the field.

Unlock the effective core potential of your expertise and elevate your career with this essential training.



Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



Salzburg (Austria)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

ASIA



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)
(Kuwait)



Phuket (Thailand)



Shanghai (China)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City



Seoul (South Korea)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut



Blackbird Training Cities

AFRICA



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior,
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



General Organization for
Social Insurance
KSA



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



International House 185 Tower Bridge
Road London SE1 2UF United Kingdom



+44 7401 1773 35
+44 7480 775526



Sales@blackbird-training.com



www.blackbird-training.com

