TECHNICAL
EDUCATION
ACADEMY

School of Engineering

COURSE PROGRAMME

000308

Open Hole Logging and Interpretation



Learn from the Best in the Business!

Course overview

Intermediate level

Why take this course

The course describes different open hole logging tools (Physics of measurements / usage / limitations) along with interpretation of different measurements to generate a comprehensive Petrophysical Evaluation

Who it is for and how it helps

Geologists / Petrophysicists / Reservoir & Production engineers

What you will learn

- Different open hole logging tools and their interpretation in an integrated manner

Curriculum

Modules 01

01 Open Hole Logging and Interpretation

- Petroleum Geology
- Reservoir Rock Types
- Why Petrophysics (the big picture)
- Borehole Environments and effects on Wireline logging tools
- What is Log Quality Control (LQC)
- Quick Look Interpretation Overview (Rw determination / Porosity calculations / Lithology / Water Saturation)
- SP (Spontaneous Potential)
- GR / NGT (Natural GR Spectroscopy)
- ECS (Geochemical Logging)
- Resistivity & Micro Resistivity Logging
- Acoustics Logging & Applications
- Density Neutron Logging
- NMR (Nuclear Magnetic Resonance) Theory and Applications
- Shaly Sand Analysis
- Carbonate Analysis
- Pressure measurements and sampling
- Borehole Imaging (electrical and ultrasonic)
- Basic Core Analysis
- Surface & Borehole Seismic
- ABC (Analysis Behind casing)
- ADT (Dielectric Logging)

Participation and contacts

Joining the programme

Contact the Academy and quote course code 000308 to confirm dates, delivery format, prices and enrolment terms.

Training for your team

Tell us your business goals, the roles and number of participants, and your preferred dates and location. This will help us discuss the right training option.

Preparing for the programme

The published programme does not specify any prerequisites. Contact us before enrolling to confirm how to prepare.

Discuss your training needs

mail@tecedu.org
www.tecedu.academy

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