

Clastic and Siliciclastic Reservoir Core Description Workshop

COURSE OVERVIEW

This course provides a practical, hands-on introduction to the description and interpretation of clastic and siliciclastic reservoir cores, focusing on sedimentary facies, depositional environments, reservoir heterogeneity, and their impact on reservoir quality. Participants will learn industry-standard techniques for core logging, lithofacies analysis, sedimentary structures recognition, and integrating core data with other subsurface datasets to build robust geological models. The course blends classroom instruction with guided exercises on real core examples to reinforce applied learning.

WHO SHOULD ATTEND?

This course is designed for geoscientists, reservoir engineers, Petro physicists, and early-career energy professionals who work with or interpret reservoir data. It is also highly beneficial for the advanced academia seeking to strengthen their applied understanding of reservoir core description in exploration, development, and production settings.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Develop competence in describing and interpreting clastic and siliciclastic reservoir cores.
- Recognize and classify lithofacies and depositional environments.
- Understand the link between sedimentology, reservoir architecture, and reservoir performance.
- Integrate core description with well logs and other subsurface datasets.
- Apply industry-standard workflows for improved reservoir characterization.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Hands-on exercises with real core material and case studies.
- Step-by-step guidance on lithofacies logging and reservoir characterization.
- Integration of core data with petrophysical and seismic interpretations.
- Practical focus on linking depositional systems to reservoir quality and heterogeneity.
- Direct applicability to exploration, appraisal, and field development projects.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded