

Seismic Interpretation

COURSE OVERVIEW

In this course, you will learn how to interpret seismic data with geology in mind. Unlike other industry training on the subject, a large part of this course consists of seismic interpretation exercises on paper with very practical presentations guiding you along the way. We believe that seismic interpretation should make geologic sense and designed this course with that concept in mind. Also included are multiple expert techniques that will help you significantly reduce the time you spend on your seismic interpretation project without compromising the results. You will also learn how to recognize petroleum traps on seismic data and create maps that are used to evaluate your petroleum prospect volumes and risks.

WHO SHOULD ATTEND?

Geologists, Geophysicists, Petrophysicists, and Engineers who wish to develop a better understanding of seismic data, interpretation techniques, and interpretation products that we use in exploration and development of petroleum reservoirs.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Understand different types of seismic data and attributes
- Tie wells to seismic and determine the seismic reflectors to map
- Convert seismic data from time to depth
- Interpret horizons and faults
- Make structure and thickness maps
- Make seismic attribute maps and interpret stratigraphic features
- Identify and interpret structural and stratigraphic traps on seismic data

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- You are going to build a practical skillset, without being overloaded with theory
- Practical exercises for every step in the seismic interpretation workflow
- Emphasis on using geological understanding during the seismic interpretation process

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