

**COURSE TITLE** **RESERVOIR ENGINEERING FUNDAMENTALS** (CODE 1.3)

**Location:** *At Client training facilities or external venues*

**Duration:** *5 days*

**Language:** *English (other languages upon request)*

**Course description:** *This course covers the fundamentals of reservoir engineering used in oil and gas fields development projects.*

*It will give a practical understanding of reservoir engineering concepts and the necessary skills in order to integrate multidisciplinary teams.*

*Attendants will be able to understand fundamental concepts of reservoir characterization and reservoir engineering, fluid characterization, and drive mechanisms.*

*Basic theories of well test analysis and reservoir modeling/simulation are also introduced.*

**Audience:** *New entry industry technical professional, Engineers and experienced technicians exposed to-day reservoir engineering issues but not directly involved (personnel from fields such as geology, geophysics, drilling, completion, production, processing, economics, etc.)*

**Course contents:** *Introduction to Reservoir Engineering workflow  
Properties and behavior of reservoir fluids  
Petrophysics: properties of the rock fluid systems  
Reservoir drive mechanisms  
Overview of well testing analysis, reservoir modeling and simulation  
OHIP evaluation methods*