

COURSE TITLE **OIL & GAS INDUSTRY OVERVIEW (CODE 1.1)**

Location: *At Client training facilities or external venues*

Duration: *3 days*

Language: *English (other languages upon request)*

Course description: *This course introduces participants to the stages of the petroleum industry cycle: from exploration and production, to transport and storage, and crude oil refining. The course contains a review of fundamentals of geology, geophysics, reservoir, drilling, completions, and production operations, and then it will present the typical midstream activities (transport and storage of oil and gas) and downstream activities (crude oil refining). The session will end by giving a global overview of the oil and gas reserves, production and consumption features.*

Audience: *New entry industry professional, non-technical personnel (commercial, legal, financial, human resources and support entities) wishing to gain understanding and knowledge of the oil industry business*

Course contents: *Hydrocarbons: characteristics of oil and natural gas
Fundamentals of geology and petroleum geology
Exploration methods
Fundamentals of reservoir engineering
Well drilling and well intervention operations
Oil and gas production: processing operations and plant utilities
Oil and gas transport: by land and by sea
Crude oil refining: processes and systems
Fundamentals of maintenance engineering
Global oil and gas reserves overview*