

**COURSE TITLE** **DRILLING AND COMPLETION ENGINEERING FUNDAMENTALS (CODE 1.4)**

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

**Duration:** *5 days*

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

**Course description:** *The course provides an introductory overview of the drilling and completion of oil and gas wells.  
It will present the main rigs, equipment, tools used for drilling operations and all the techniques used to safely and efficiently conduct drilling.  
Directional drilling technologies are integral part of the course.  
Well control concepts, equipment and procedures will be also introduced in order to provide a complete understanding of the fundamental concepts. Well completion techniques and equipment will be discussed along with well workover, wireline and coiled tubing technologies.*

**Audience:** *Engineers and technicians interested but not directly involved in drilling and completion operations such as geologists, reservoir engineers, production staff, or personnel other than operational departments who want to well understand drilling and completion operation theories and practices.*

**Course contents:** *Introduction to drilling  
Drilling rigs and equipment  
Drill String and casing  
Directional drilling techniques  
Well control: fundamentals and methods  
Well completion: equipment and procedures  
Well intervention: workover, wireline and coiled tubing technologies*