Training - Drilling and Completion Engineering

FOFP-EN-P | Face-to-face only | 98 days

This course provides an in-depth, practical understanding of drilling and completion techniques, operations, equipment and procedures

IFP Training Certificate

Graduate Certificate

Level

Knowledge

Public

Young technicians, engineers involved in drilling and completion, supervisors, tool pushers, involved in water, geothermal or oil/gas drilling operations

Objectives

Attendees will be able to implement the following skills:

- Assist in drilling/completions operations on site and, with some experience, manage those operations
- Define a drilling/completion program and, with some on-site experience, design and implement such a program
- Pass the IWCF "Combined Surface/Subsurface BOP Stack" test

Pedagogical & technical resources

- Drilling simulator
- Well control on a simulator
- Equipment and cutaway tools display
- Exercises, role-playing sessions and case studies
- Summary notes prepared and presented by the participants
- 10-day drilling/completion project, ending with a presentation to a jury
- Site visits
- Knowledge assessment on a weekly basis

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsable

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

© IFPTraining

Program

MODULE 1 - GEOLOGICAL FIELD TRIP FOR DRILLERS (FTFP-EN-P)	5 days
MODULE 2 - COMMON FUNDAMENTALS OF DRILLING AND COMPLETION (BACFP-EN-P)	5 days
MODULE 3 - WELL PRODUCTIVITY AND RESERVOIR - WELLBORE INTERFACE (PPLCT-EN-P)	5 days
MODULE 4 - WELL COMPLETION EQUIPMENT AND PROCEDURES FOR FLOWING WELLS (EQTP-EN-P)	5 days
MODULE 5 - WELLBORE TREATMENTS (TRAIT-EN-P)	5 days
MODULE 6 - ARTIFICIAL LIFT AND WELL INTERVENTION FUNDAMENTALS (TAWO-EN-FR)	5 days
MODULE 7 - WELL ARCHITECTURE AND EQUIPMENT (ARCHI-EN-P)	5 days
MODULE 8 - DRILLING FLUIDS (FLU-EN-P)	5 days
MODULE 9 - CEMENTING PRACTICES (CIM-EN-P)	5 days
MODULE 10 - BIT, DRILL STRING AND FISHING WHILE DRILLING (OUTGARN-EN-P)	5 days
MODULE 11 - DIRECTIONAL AND HORIZONTAL DRILLING (FDTDH-EN-P)	5 days
MODULE 12 - RIG & BOP'S AND WELL CONTROL EQUIPMENT (BOP-EN-P)	5 days
MODULE 13 - WELL TEST OPERATIONS (WELTEST-EN-P)	5 days
MODULE 14 - DATA ACQUISITION DURING DRILLING OPERATIONS (LOGFI-EN-P)	5 days
MODULE 15 - WELL CONTROL (FPE3&4-EN-P)	5 days
MODULE 16 - DEEPWATER DRILLING AND DEVELOPMENT (OFDW-EN-P)	5 days
MODULE 17 – SUPERVISOR TRAINING ON DRILLING SIMULATOR (FOSIM-EN-P)	3 days
MODULE 18 - HSE IN DRILLING OPERATIONS (HSEFOR-EN-P)	5 days
MODULE 19 - DRILLING AND COMPLETION PROJECT	10 days

Well architecture.

© IFPTraining

Completion design.
Casing and tubing calculations.
Fluids and cementing design.
Chronology of operations.
Presentation to a jury.

Sessions

Pau - From 01/19/2026 to 06/05/2026 **58870 €/HT**

Pau - From 08/10/2026 to 12/11/2026 **58780 €/HT**

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com

© IFPTraining