# Training - Drilling Engineering

**FOFPF-EN-P**

**Face-to-face only**

**83 days**

This training course will take place in two parts, from January 18 to February 5 and from March 1st to June 4, 2027

This 2-part training course (see Additional information) provides an in-depth, practical understanding of drilling 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 operations on site, and, with some experience, manage those operations
- Define a drilling 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 project, ending with a presentation to a jury
- Site visits
- Knowledge assessment on a weekly basis
- Upon successful completion of a knowledge test, the IWCF "Well Control" Certificate is delivered

## 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


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## 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

## Program

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|---|---|
| **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 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 OPERATION (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 PROGRAM** | **10 days** |

Well architecture.
Casing calculations.
Fluids and cementing design.
Chronology of operations.
Presentation to a jury.


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## Sessions

**Pau -** From 01/19/2026 to 06/05/2026 **50010 €/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


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