

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

Responsible

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

MODULE 1 - GEOLOGICAL FIELD TRIP FOR DRILLERS	5 days
MODULE 2 - COMMON FUNDAMENTALS OF DRILLING & COMPLETION	5 days
MODULE 3 - WELL PRODUCTIVITY & RESERVOIR - WELLBORE INTERFACE	5 days
MODULE 7 - WELL ARCHITECTURE & EQUIPMENT	5 days
MODULE 8 - DRILLING FLUIDS	5 days
MODULE 9 - CEMENTING PRACTICES	5 days
MODULE 10 - BIT, DRILL STRING & FISHING WHILE DRILLING	5 days
MODULE 11 - DIRECTIONAL & HORIZONTAL DRILLING CERTIFICATION	5 days
MODULE 12 - RIG & BOP'S & WELL CONTROL EQUIPMENT	5 days
MODULE 13 - WELL TEST OPERATION	5 days
MODULE 14 - DATA ACQUISITION DURING DRILLING OPERATIONS	5 days
MODULE 15 - WELL CONTROL	5 days
MODULE 16 - DEEPWATER DRILLING & DEVELOPMENT CERTIFICATION	5 days
MODULE 17 - SUPERVISOR TRAINING ON DRILLING SIMULATOR	3 days
MODULE 18 - HSE IN DRILLING OPERATIONS	5 days
MODULE 19 - DRILLING PROGRAM	10 days

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

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