

Well Operations & Completion Engineering Certification

40 days
Overview

GEND/CE

LEVEL

Foundation

PURPOSE

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

LEARNING OBJECTIVES

Upon completion of the course, participants will be able to:
assist in completion operations on site; and, with some experience, manage those operations,
define a completion program, and, with some on-site experience, design and implement such a program,
pass the IWCF "Well Intervention and Pressure Control" certification.

WAYS AND MEANS

Equipment and cutaway tools display.
Exercises, role-playing sessions and case studies.
Summary notes prepared and presented by the participants.
5-day completion project, ending with a presentation to a jury.
Knowledge assessment on a weekly basis.

LEARNING ASSESSMENT

Quiz and presentation of the project to a jury.

PREREQUISITES

Engineering degree or equivalent experience within the petroleum industry.

WHY AN IFP TRAINING CERTIFICATION?

- An international recognition of your competencies.
- A Graduate Certificate delivered.
- An expertise confirmed in Well Operations & Completion Engineering Certification.
- Ready-to-use skills.

Agenda

MODULE 1 - FUNDAMENTALS OF DRILLING & COMPLETION

5 d

MODULE 2 - WELL PRODUCTIVITY & RESERVOIR - WELLBORE INTERFACE

5 d

MODULE 3 - WELL COMPLETION EQUIPMENT & PROCEDURES FOR FLOWING WELLS

5 d

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| MODULE 4 - WELLBORE TREATMENTS | 5 d |
| MODULE 5 - ARTIFICIAL LIFT & WELL INTERVENTION FUNDAMENTALS | 5 d |
| MODULE 6 - COILED TUBING & NITROGEN OPERATIONS IN COMPLETION & WORKOVER | 5 d |
| MODULE 7 - WELL INTERVENTION & PRESSURE CONTROL | 5 d |
| MODULE 8 - PROJECT ON COMPLETION PROGRAM Completion design. Tubing calculations. Fluids design. Chronology of operations. Presentation to a jury. | 5 d |