Training - E&P Project Planning and Scheduling Workshop

PSPC-EN-P | Face-to-face only | 5 days

This course provides participants with the know-how to elaborate, optimize and control a project schedule

Level
Skilled

Public
Project engineers responsible for building, optimizing and controlling the schedule of upstream projects

Objectives
Attendees will be able to implement the following skills:

- Take into consideration the different project execution phases when building the schedule
- Understand the advantages and drawbacks of the various schedule computer tools available on the marketplace
- Create the detailed planning of a project on Microsoft Project or Primavera according to the client's software)

Pedagogical & technical resources

- Examples of onshore and offshore exploration and production projects
- Adaptable case studies on MS Project/Primavera

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

Program

PLANNING & SCHEDULING PROCESSES — 1 day

Planning basis, scheduling sequence and critical path.
Schedule updates reflecting actual performance.
Progress measurement and control of each execution phase (engineering, procurement and construction).

ONSHORE CASE STUDY USING MS PROJECT — 1 day

Presentation of a fictitious revamping onshore project (which entails a plant shutdown) to be used as case study.

Demonstration of software functions. Critical path visualization.
Input and coding of activities, tasks and resources. Reporting levels.
Physical progress update for reporting purposes.

OFFSHORE CASE STUDY USING PRIMAVERA — 3 days

Presentation of a fictitious deep offshore project to be used as a case study.
Demonstration of software functions.
Definition of the list of project activities to be carried out according to the project scope of works.
Input and coding of activities, tasks and resources necessary to project execution.
Sequence of the activities and estimation of their duration. Probabilistic approach in scheduling.
Critical path visualization.
Various types of progress (physical, cost, hours). Follow-up methods.
Relationship between cost progress and schedule.

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