

Training - Oil & Gas Upstream Strategy, Finance & Management



SFAM-EN-P



Face-to-face only



60 days

This training is part of a professional carrier development to managerial positions in exploration & production business, requiring specific skills in economics, contracts, taxation, finance, auditing and project management

IFP Training Certificate

Graduate Certificate

Level

Knowledge

Public

Executives from the upstream sector who require a global picture of all the technical, economic, financial, contractual & audits of exploration and production activities

Objectives

Attendees will be able to implement the following skills:

- Develop negotiation skills in petroleum contracts
- Build advanced economic models for evaluating Exploration-Production projects
- Interpret the different financial statements published by Oil & Gas companies
- Prepare and conduct a contractual audit
- Effectively manage the project: engineering studies, procurement, construction and commissioning

Pedagogical & technical resources

- Case studies simulated on computers
- Analyze the main corporate financial statements issued by Oil & Gas companies
- Cost estimation of Exploration & Production projects

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

UPSTREAM ECONOMICS

MODULE 1: OVERVIEW OF OIL & GAS CHAIN

5 days

International energy scene. Upstream economics. Oil trading. Downstream economics.

MODULE 2: INTRODUCTION TO RESERVOIR ENGINEERING

5 days

Reservoir engineering. Reservoir characterisation & production.

MODULE 3: INTRODUCTION TO PETROLEUM ENGINEERING

5 days

Surface facilities. Oil & gas processing.

MODULE 4: NATURAL GAS CHAIN ECONOMICS

5 days

Natural gas scene. Structure and costs of natural gas chain. Long-term gas contracts and LNG. Different gas markets and strategies of actors. Gas spot markets and futures.

MODULE 5: TRADING OF CRUDE OIL & PETROLEUM PRODUCTS

5 days

Differentiation of crude oil - Price setting. Finished oil products. Trading and price setting. Trading of oil products-contracts.

MODULE 6: CONTRACTUAL & FISCAL FRAMEWORK OF EXPLORATION-PRODUCTION

5 days

Legal framework. Contractual and fiscal framework. Main clauses of petroleum contracts.

MODULE 7: JOA & NEGOTIATION OF E&P PATRIMONIAL CONTRACTS

5 days

Association agreements. Methodology of negotiation. Simulation: negotiating a PSC.

MANAGEMENT OF UPSTREAM ASSETS

MODULE 8: ESTIMATION & COST CONTROL

5 days

Context of upstream projects. Project cost estimation methodology. Cost control.

MODULE 9: ECONOMIC EVALUATION OF EXPLORATION & PRODUCTION PROJECTS

5 days

Economic criteria. Economic costs analysis. Equity profitability analysis and project funding. Risk analysis of Exploration-Production projects.

MODULE 10: PROJECT MANAGEMENT

5 days

Introduction to preliminary studies. Feed or basic engineering studies. Project control and administration. HSE and quality management. Detail studies and procurement. Construction.

MODULE 11: UPSTREAM ACCOUNTING & FINANCIAL MANAGEMENT

5 days

Accounting standards. Consolidated financial statements. Reporting (board). Financial analysis. Introduction to audit and financial reporting.

MODULE 12: UPSTREAM CONTRACTS AUDITS

5 days

Contractual accounting. Association auditing. Government auditing. Implementing a contractual auditing.

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