

EXPLORATION AND PRODUCTION OVERVIEW

OBJECTIVES

Discovery of the bases and vocabulary of the Exploration and Production techniques (geology, geophysics, reservoir Engineering, Drilling and well completion, Surface Facilities and Production onshore and offshore).

COURSE CONTENT

INTRODUCTION

0.5 day

What is Exploration - Production
Rocks and Sedimentary Basins - From Hydrocarbon to Reservoir

EXPLORER TOOL: GEOLOGY - GEOPHYSICS

1 day

Explorer Tool - Geology: Surface Geology, Well Site Geology, Logging
Movies
Explorer Tool - Geophysics: Principles - Acquisition - Processing
Movies
2D and 3D Seismic Interpretation

RESERVOIR ENGINEERING

0.5 day

What is a reservoir? How to define Reserves and evaluate them?
Information on reservoir simulation and monitoring

DRILLING AND COMPLETION

0.5 day

Drilling for Oil and Gas: well design, rigs, drilling, operation
Downhole Production - Completion
Movies

PRODUCTION

0.5 day

Process engineering and design facilities
Onshore Production
Offshore Production
Movies

FIELD DEVELOPMENT & DECISION PROCESS

0.5 day

FUTURE CHALLENGES & CONCLUSIONS

0.5 day

Technical Challenges for the Oil and Gas Exploration and Production industry
Movies

E-031

▲ Who should attend?

Anyone working in or close to the Oil and gas industry whose activity (either commercial, legal financial or human resources) is in some way connected to one of the aspect of the oil and gas upstream activity.

▲ Duration

4 days

▲ Sessions in English

May be organised for a single company

French sessions: F-031

Fees: € 1,950

Contact:
epgen@ifptraining.com
Fax: (+33) 1 47 52 74 27

▲ Course Coordinator

Alex CHWETZOFF

Ref. **GEN / DECOUPE**