

DUBAI: 11/3–21/6 AND 9/9-20/12 2019

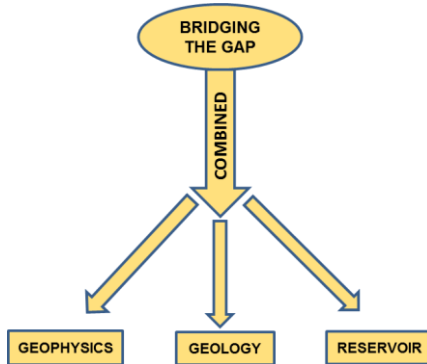
Fees: Contact PETRO-TEC

PROGRAM OVERVIEW

This is a training program aiming to bridge the gap between the university education and the needed skills in the oil industry. It is designed to equip the young scientists and new recruits with practical skill and hands-on experience that will put them in an advance position to start work in the oil industry with practical experience and confidence “*hit the ground running*”.

The program is composed of a **combined phase** which will be attended by all participants, and **specialised phases** catering for three disciplines:

- (i) Reservoir Engineering,
- (ii) Development Geology, and
- (iii) Geophysics.



METHODOLOGY

The training methodology of this program will be Taught courses and practical sessions using real data.

WHO SHOULD ATTEND

The program is intended for fresh graduates and geoscientists with a few years of experience (Petroleum Engineers, Geologists, Petrophysicists, Economists, and technical staff).

PROGRAM CONTENT

First: The modules of Combined program (for all disciplines):

1. Introduction to Petroleum Exploration & Production Business.
2. Oilfield Life Cycle.
3. Prospect appraisal and development planning.
4. Reservoir Management.
5. Petroleum Economics.
6. Time Management.
7. HSE in the Oil Industry

Second: The modules of the specialized program:

(i) Reservoir Engineering:

- (A) Applied Reservoir Engineering
- (B) Introduction to PVT & the practical use in FDPs
- (C) Quality Control of Petroleum data (Production, SCAL, and PVT).
- (D) Data integration.
- (E) Well Test Interpretation
- (F) Well Performance Analysis
- (G) Applied Reservoir Simulation.

(ii) Development Geology:

- (H) Petroleum Geology & Sedimentology.
- (I) Practical well log interpretation
- (J) Reservoir zonation, Pc, OWC, and GOC identification.
- (K) compartmentalization, Transmissibility, and Anisotropy.
- (L) Resources and Reserve Estimation.
- (M) Reservoir Modelling and Characterization.
- (N) Field development planning.

(iii) Geophysics:

- (A) Petroleum Exploration process.
- (B) Basin & Trap identification.
- (C) Introduction to Basin & Play Evaluation.
- (D) Petroleum resource assessment
- (E) Structural styles in Petroleum Geology.
- (F) Sequence stratigraphy in hydrocarbon exploration & Dev.
- (G) Introduction to seismic Interpretation.
- (H) High resolution seismic inversion