

Petrogenium. Academy

Upstream (Production Technology & Engineering)

Production Technology Foundation Training

Consultant / Trainer

Marcel Bouts



In this **Petrogenium (in collaboration with EPTS) Production Technology Foundation Training** participants in this course will gain a thorough understanding of the critical role well design and lifecycle planning play in the safe and efficient production of oil, gas, and other subsurface fluids. They will learn how to apply well inflow and outflow models, select artificial lift methods, implement sand control, and use well stimulation techniques to adapt to changing reservoir conditions. The course covers essential topics such as well integrity, surface facilities, and production system optimization, equipping participants with practical skills to maximize production, reduce costs, and enhance safety throughout a well's lifecycle.



Participants

Petroleum engineers, reservoir engineers, production geologists, facility engineers, production supervisors, production operators, production programmers and junior production technologists/engineers.



Learning Objectives

At the end of the course you will be able to understand the key aspects of the well and will have a clear view on what is involved in well design and well production optimization. You will have a better understanding of the selection criteria for well size, artificial lift and sand control completions. Special attention is given to integrated field development and operations in order to achieve a balanced reservoir/wells/surface facilities interplay aiming to assure efficient reservoir drainage, optimal well performance and effective separation of gas, oil and water.

Programme

5 Day Course

1. The role of the production technologist/engineer in Upstream
2. Inflow/outflow of wells
3. Artificial lift
4. Sand control options
5. Well stimulation
6. Well Integrity
7. Surface facilities
8. Production System Optimization

Why select Petrogenium.?

The above support will be provided by principal consultants with 30+ years world-class experience in the technology and hands-on know-how from operation of refinery units.

Contact Petrogenium.:

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Because Experience Matters