

# Introduction to Petroleum Engineering

## COURSE DESCRIPTION

This course is intended to provide non-petroleum engineers and technical professionals an overview of the fundamental techniques used in petroleum exploration and production. This overview includes specific selective topics in Petroleum Geology, Drilling Engineering, Well Completion, Production Engineering, Reservoir Engineering and Petroleum Economics. Upon completing this course, the participant will grasp an overall applied knowledge about oil and gas upstream sector.

### DISCIPLINE

Multidisciplinary

### COURSE DURATION

5 Days

### DELIVERY METHOD

In-house

## COURSE CONTENTS

- Origin and nature of petroleum reservoirs
- Basic principles of seismic, magnetic, and gravity surveys
- Drilling and completion procedures, including stimulation methods
- Well logs, their interpretation and use in subsurface maps
- Production equipment, artificial lift methods, production monitoring techniques, and workovers
- Primary reservoir drive mechanisms and improved recovery processes
- Economic analysis of oilfield investments

## CONTACT US

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