

# aractech

Global Learning for Operational Leaders



OIL AND GAS

## Masterclass Petroleum Industry

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Waarderweg 50, 2031PB Haarlem - Netherlands.

# Course content

## Why Attend

This comprehensive oil & gas training course recognizes the need for professionals to have a comprehensive and broad understanding of the Petroleum Industry from upstream to downstream.

Oil and gas are the world's most important energy resources driving the global economy. The processes and systems required for oil and gas production, refining and distribution are highly complex, capital-intensive and require state-of-the-art technology.

## Course Methodology

## Course Objectives

## Target Audience

- This training course is designed for both technical and non-technical personnel as well as operational staff at professional levels employed in refineries, petrochemical, and oil and gas process industries.
- The course is designed to be of substantial benefit to personnel within the Oil and Gas Industries such as:
  - Technologists
  - Mechanical engineers

# Course outline

## Detailed course outline

Day-by-day outline for Masterclass Petroleum Industry.

### Day 1 - Origins of Petroleum

- Origins of oil & gas
- Petroleum chemistry
- Petroleum geology
- Exploration & production of petroleum
- Types of Well
- Development of Oil and gas fields

### Day 2 - World Energy Markets

- Pipeline geopolitics
- OPEC (Organization of the Petroleum Exporting Countries)
- EIA (Energy Information Administration)
- Statistical review of petroleum consumption and supply
- Distribution transmission and transportation
- Tank farms and storage

### Day 3 - Refinery Operations

- Physical separation – Distillation
- Chemical conversion processes
- Blending
- Refinery Complexity
- Refining margins

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### Day 4 - Gas Processing

- Inlet separation, Dehydration/Dewpoint control
- Contaminants & Pipeline Gas specifications
- Amine Gas Sweetening
- Physical Solvent Processes
- Sulphur Recovery
- Gas compression & Liquefaction

### Day 5 - Oil and Gas Management

- Cost estimation of oil and gas facilities
- Pricing, Trading, Markets, Risk Management
- Crude Benchmarks & price estimation
- Derivatives – Futures, Options and Swaps
- Climate Change & Renewable Energy
- Course Exercises, Evaluation and roundup

# Seminar dates

## Available seminar dates

Live dates and pricing for Masterclass Petroleum Industry generated from the course details page.

Date	Location	Format	Fee
15 - 19 June 2026	Istanbul	Classroom	€1,995
20 - 24 July 2026	Vienna	Classroom	€2,975
3 - 7 August 2026	Barcelona	Classroom	€2,695
7 - 11 September 2026	Rome	Classroom	€2,975
12 - 16 October 2026	Kuala Lumpur	Classroom	€1,575
9 - 13 November 2026	Barcelona	Classroom	€2,695
14 - 18 December 2026	London	Classroom	€2,940

### Live online option

Online delivery is available at €1,250.