

Petroleum Refining Demystified - Oil & Gas industry

This course provides you with a complete understanding of the crude oil refining industry and breaks down for you all the major refining processes into easily digestible concepts using extensive graphics, process layouts and various manufacturing schemes.

You will first get a quick overview of the petroleum industry to put things into perspective before your journey begins.

Then you will discover the different types of crude oil, their composition and the chemical properties of their hydrocarbon components and how refiners separate these molecules using a process called distillation.

You will also learn the major conversion processes used to upgrade petroleum cuts into better quality blending components for the production of gasoline, diesel, heating oil and heavy fuel.

You will learn

- Isomerization
- Alkylation
- Catalytic reformers
- Hydrotreaters
- Fluid catalytic crackers
- Hydrocrackers
- Delayed cokers
- Operating principles
- Process flow diagram
- Operating conditions
- Associated yields
- Catalysts used

This course for

- Chemical engineers

- Refiners
- Technicians
- Petroleum engineers
- Interested candidates in oil and gas field

Course Duration:

5 Days