

DAY 1

Introduction to Oil, Gas, and Petroleum Products Logistics

- Definition and importance of logistics in the oil and gas industry
- Overview of oil and gas transportation modes
- Overview of the supply chain in the oil and gas industry
- Petroleum Refining and Petrochemical Industry Overview
- Petroleum Refinery Planning
- Multisite Refinery Network Integration and Coordination
- Statistics review of world energy
- Refining: A Technical Summary Investments, Margins, Costs

DAY 2

Various Methods and Technologies Used to Transport Oil, Gas, and their Products (Transportation Modes)

- Pipeline Transportation
 - Types of pipelines
 - Pipeline construction and maintenance
 - Pipeline safety and regulations
- Maritime Shipping
 - Types of vessels
 - Shipping routes and ports
 - Maritime regulations and safety
- Trucking
 - Types of trucks and trailers
 - Trucking regulations and safety
- Rail Transport
 - Types of railcars
 - Rail transportation regulations and safety

DAY 3

Terminal Operations

- Overview of petroleum terminals
- Types of terminals

- Terminal operations and safety

DAY 4

Environmental Considerations

- Overview of environmental regulations in the oil and gas industry
- Environmental considerations in oil and gas logistics
- Case studies of environmental incidents and their impact on the industry

DAY 5

Future of Oil, Gas, and Petroleum Products Logistics

- Emerging technologies in logistics
- Future trends and challenges in the oil and gas industry
- Conclusion
 - Summary of key concepts covered in the course
 - Implications of logistics on the oil and gas industry