



*Training Course:  
Crude Oil Refining, Trading, Pricing, Logistics,  
Risk, and Legal Frameworks*

*21 July - 1 August 2025  
Amsterdam (Netherlands)*

## Training Course: Crude Oil Refining, Trading, Pricing, Logistics, Risk, and Legal Frameworks

Training Course code: SC235943 From: 21 July - 1 August 2025 Venue: Amsterdam (Netherlands) - Training Course  
Fees: 9800 € Euro

### Introduction

This 10-day advanced training program titled "Crude Oil Refining, Trading, Pricing, Logistics, Risk, and Legal Frameworks" is designed and delivered by Global Horizon Training Center to equip participants with a deep, practical understanding of the global crude oil industry. The course explores the full spectrum of the value chain—from crude oil refining processes and international trading dynamics to pricing formulas, logistical challenges, sophisticated risk management tools, and the legal frameworks that govern global oil markets.

With the energy sector undergoing rapid change and increasing complexity, this program ensures that participants are well-prepared to respond to challenges, seize opportunities, and manage risks effectively.

### Objectives

By the end of this training program, participants will:

- Understand the structure and function of the global oil refining and trading system.
- Master key pricing benchmarks and formulas including time and grade differentials.
- Develop expertise in physical and paper trading mechanisms.
- Apply advanced tools to manage price risks using futures, swaps, and options.
- Analyze and plan crude oil logistics and supply chain strategies.
- Navigate international oil laws and compliance frameworks in leading markets.
- Gain practical experience through simulations and integrated case studies.

### Course Methodology

The course utilizes a combination of:

- Expert-led lectures and real-world insights
- Case studies from international crude oil trading
- Interactive workshops and scenario-based group activities
- Simulations of crude oil trading and risk hedging

- Visual learning tools including charts, models, and videos
- Open discussions to share knowledge and practical experiences

## Organizational Impact

Participants will return to their organizations with the ability to:

- Make informed trading, pricing, and risk mitigation decisions.
- Optimize logistics and supply chain strategies for crude oil.
- Comply confidently with legal and regulatory frameworks across jurisdictions.
- Enhance negotiation skills in contracts and deal structuring.
- Support cross-functional teams with a broader commercial and legal perspective.

## Target Audience

This program is ideal for:

- Crude Oil and Petroleum Traders
- Energy Risk Managers and Analysts
- Legal and Compliance Advisors in Oil & Gas
- Refining and Supply Chain Professionals
- Investment Bankers and Commodity Finance Experts
- Terminal and Storage Operators
- Government Energy Regulators and Policy Advisors
- Lawyers and Contract Managers in Energy Trade

## Course Outline

### Day 1: Overview of the Global Oil Industry

- Introduction to Crude Oil: Types and Characteristics
- Overview of the Global Energy Supply Chain
- The Role of OPEC and Non-OPEC Producers

- Crude Oil Benchmarks and Global Demand Trends

#### Day 2: Fundamentals of Crude Oil Refining

- Crude Oil Refining Process and Products
- Refinery Configurations and Capacities
- Refining Margins and Crack Spreads
- Role of Refineries in Global Supply & Demand

#### Day 3: Physical Crude Oil Trading

- Introduction to Physical Trading and Contracts
- Spot vs Term Contracts
- Key Trading Hubs and Physical Crude Grades
- Quality and Quantity Determination

#### Day 4: Crude Oil Pricing Systems

- Evolution of the International Pricing System
- Brent, WTI, Dubai and Regional Pricing
- Time Differential and Forward Curve Concepts
- Grade Differential and Quality Adjustments

#### Day 5: Crude Oil Logistics and Operations

- Supply Chain Management for Crude Oil
- Shipping, Storage, and Pipeline Networks
- Freight and Tanker Market Dynamics
- Scheduling, Demurrage, and Operational Risks

#### Day 6: Introduction to Risk and Price Management

- Understanding Volatility and Market Risk
- Price Exposure in Physical and Financial Markets

- Hedging Principles and Strategy Frameworks
- Risk Management Policies in Energy Companies

#### Day 7: Hedging Instruments and Techniques

- Futures and Forward Contracts
- Swaps and Differential Swaps
- Options Strategies in Crude Oil
- Application of Crack Spreads in Hedging

#### Day 8: Risk Measurement and Market Tools

- Measuring Market and Credit Risk
- VAR Value at Risk in Oil Markets
- The Role of Clearing Houses
- Trading Platforms and Exchange Operations

#### Day 9: Legal and Regulatory Environment

- Oil Trading Contracts and Legal Clauses
- International Law and Oil Trade Governance
- Regulatory Bodies in the US, UK, and Singapore
- Sanctions, Compliance, and Anti-Corruption Laws

#### Day 10: Simulation, Negotiation, and Final Case Study

- Integrated Case Study: From Trade to Risk Management
- Simulated Oil Trading Desk Exercise
- Contract Negotiation and Deal Structuring
- Recap, Feedback, and Certificate Distribution

## Registration form on the Training Course: Crude Oil Refining, Trading, Pricing, Logistics, Risk, and Legal Frameworks

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
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