Global Horizon
TRAINING CENTER

Training Course:
Global Petrochemical Industry: Sections and Modules

14 - 18 December 2025
Dubai (UAE)
Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course:
Global Petrochemical Industry: Sections and Modules

Training Course code: EN236043 From: 14 - 18 December 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 5300 Euro

Introduction

The petrochemical industry is at the heart of countless products and sectors, from plastics and packaging to automotive and agriculture. Understanding its complex structure is crucial for professionals aiming to thrive in this dynamic global market. The "Global Petrochemical Industry: Sections and Modules" training program, developed by Global Horizon Training Center, provides participants with a well-rounded insight into the industry's value chain, operational modules, market dynamics, and key challenges.

This course is particularly designed to be accessible to both technical and non-technical professionals, including participants from Marketing, Sales, and Business Development departments. Through this program, attendees will gain essential industry knowledge to enhance their strategic and operational effectiveness in the petrochemical sector.

Course Objectives

By the end of this course, participants will be able to:

- Understand the structure and value chain of the global petrochemical industry.
- Identify the main modules of petrochemical production and operations.
- Recognize key raw materials, products, and processes in petrochemicals.
- Link petrochemical operations to market trends, supply chains, and consumer products.
- Analyze global trends, challenges, and sustainability issues impacting the industry.
- Communicate more effectively with technical teams, clients, and stakeholders.
- Strengthen marketing and sales strategies based on technical product knowledge.

Course Methodology

The course employs a multi-disciplinary and interactive approach that includes:

- Expert-led presentations and visual learning tools
- Group discussions and structured Q&A sessions
- Case studies from global petrochemical hubs
- Real-life product flow examples from feedstock to consumer goods

- Mapping exercises for supply chain and value chain understanding
- Hands-on interpretation of petrochemical flow diagrams and product categories

Organizational Impact

The program delivers the following organizational benefits:

- Enhanced alignment between technical and commercial departments
- More informed marketing strategies rooted in product and process understanding
- Increased cross-functional collaboration and communication
- Better alignment with customer demands and market positioning
- Enhanced talent development for future leadership in the energy sector

Target Audience

This course is ideal for professionals working in:

- Marketing and Sales in petrochemical or downstream oil & gas sectors
- Business development and strategic planning
- Supply chain, logistics, and procurement
- Plant operations and project management junior level
- Financial analysts and investment professionals in the energy sector
- Regulatory and compliance professionals working with industrial products

Outlines

Day 1: Introduction to the Petrochemical Industry

- Overview of the global petrochemical landscape
- Role of petrochemicals in modern life and global economy
- Feedstock sources: Natural gas, naphtha, and other derivatives
- Key players, markets, and global trade flows
- Petrochemical vs. chemical vs. oil & gas industry

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Day 2: Petrochemical Production Modules

- Primary building blocks: Ethylene, Propylene, Benzene, Toluene, Xylene BTX
- Cracking process Steam and Catalytic Cracking
- Olefins and aromatics: Structure, uses, and production pathways
- Introduction to downstream modules and derivatives

Day 3: Product Value Chains and Applications

- Polymers: Polyethylene, polypropylene, PVC, polystyrene
- Intermediates and derivatives: MEG, MTBE, styrene, PTA
- Fertilizers, synthetic rubbers, solvents, and fibers
- Application sectors: Packaging, automotive, textiles, agriculture
- Value chain mapping exercise: From feedstock to end-use

Day 4: Operations, Infrastructure, and Economics

- Overview of petrochemical plant operations and logistics
- Storage, transportation, and export mechanisms
- Understanding product economics and margin analysis
- Refinery integration and its impact on petrochemicals
- Energy intensity and process sustainability challenges

Day 5: Trends, Strategy, and Business Integration

- Petrochemical market outlook: Growth drivers and regions
- Sustainability and circular economy in petrochemicals
- Recycling and bio-based chemicals: Opportunities and constraints
- Strategic positioning: How marketing connects with operations
- Case study: Product innovation and marketing alignment

Registration form on the Training Course: Global Petrochemical Industry: Sections and Modules

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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: .....
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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

☐ Please invoice me

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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 booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.