



**Asia Masters Center**

## **International Gas Business Management**



**Asia Masters Centre (AMC), Suite 2 B, level 6, Office Block, Grand Millennium Hotel, Bukit Bintang Street,  
55100 Kuala Lumpur, Malaysia. | Tel: +60327326992 | Mobile: +601 8909 0379 | Fax: +60327326992  
Website: <http://www.asiamasters.org/> | Email: [info@asia-masters.com](mailto:info@asia-masters.com)**

## International Gas Business Management

### ➔ Course Objective

At the end of this seminar participants will have:

- An understanding of the value added steps in the gas processes
- Gain an insight in the way the Gas Industries have organized to operate effectively and efficiently
- Learn the details of gas processing
- Understand the fundamentals of the economics of the gas industries

### ➔ Target Audience

- Managers
- Functional managers
- Gas Managers

### ➔ Course Outline

#### **Day 1**

- Sources Origins and Nature of Hydrocarbon Gas
- Fundamentals of Organic Chemistry
- Definition of Hydrocarbon Gases
- The Gas Industry



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- Basic Gas Geology
- Origins of Hydrocarbon Deposits
- Exploration Activities
- Exploration Methods
- Types of Well

### Day 2

- Sources Origin and Nature of Hydrocarbon Gas - Continued
- Gas Fields Developments
- Production
- Well Fluids and Surface production
- Transportation
- Ship Transportation
- Pipelines
- Exploration Drilling & Production
- Where and how does drilling take place?
- Gas leasing process and terms
- Searching for Oil and Gas
- Types of Wells
- Drilling Operations
- Natural Gas Production and Processing Operations
- Gas Companies, Corporate Relations, and Structures

### Day 3

- Operating Companies and Service Companies
- Local, National and Multi National Gas Companies
- Major National Gas Companies
- Major International Gas Companies
- Integrated and Non Integrated Companies
- Integrated Companies
- Non Integrated Companies
- Processing Operations and Economics



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- Gas Processing Operations
- Inlet Separation
- Sulphur Removal and Sulphur Recovery
- Dehydration
- Dewpoint Control and by-product recovery
- Gas Compression
- Basic Economics of the Gas Industries
- Gas Quality and Measurement
- Richness
- Impurities
- Sulphur
- Acidity
- Specifications
- World Gas Supply and Demand

### Day 4

- Supply Chain
- Production
- Transport
- Storage
- Distribution
- Sales and Marketing
- Evaluation of Gas Opportunities
- Estimating the Cost of Gas Facilities
- Using Historical Costs
- Cost curves
- Adjusting For Different Sizes
- Adjusting For Different Time Periods
- LNG –LNG Chain

### Day 5

- Process



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- Liquefaction
  - Shipping
  - Storage
  - Re-Gasification
  - Other Technologies
  - Gas to Liquids
  - Gas Commodity and Transport Capacity
  - Industry Regulation
  - Ownership
  - State owned
  - Joint Ventures
  - Privatised
  - Price Controls
  - Rate of Return
  - Gas for Power Generation
  - The 'Dash for Gas' – key drivers
  - Economics: CCGT v Oil v Coal v Nuclear
  - Efficiency Gains
  - Cost and Market Trends
  - Gas Supply
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- **The Feature Of Asia Master Training And Development Center**
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  - we give the participant training bag includes all the necessary tools for the course.
  - Working within groups to achieve the best results.
  - All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.



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- 3) Training.
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to know the participation fees

➤ **There are offers and discounts for groups**

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