



**Asia Masters Center**

## Introduction to Field Development Planning



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### ➔ Course Objective

- Participants will learn how corporate strategy affects the management of upstream assets. The three tests of a strategy, as well as the internal and external factors impacting asset value will be discussed. The impact of fiscal regimes on asset strategy will be explored. The day ends with participants finding the sedimentary basins using geophysical techniques in a simulated challenge to find the best exploration blocks.
- Exploration concepts including petroleum systems and geophysical methods will be discussed. The exploration manager's dilemma, as well as the importance of exploration as a process will be presented. How oil companies identify risks and use petroleum economics to have successful exploration programs will also be covered. The day will end with participants prospecting for oil and gas in a simulated challenge.
- Participants learn about portfolio risks and the collaboration between oil and gas companies through partnership creation amongst the teams. Participants will learn about the general process of drilling and well configuration in the appraisal part of the upstream lifecycle. The importance of reserves classification and the purpose of reservoir appraisal will be discussed. The day will end with participants performing simulated exploration and appraisal drilling on their chosen blocks.



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- Field development planning will be discussed so that groups can submit a simulated field depletion plan in challenge four. Facilities requirements and artificial lift will be reviewed so that participants can address challenge five, planning simulated facilities for their development projects. Construction and project management will also be discussed as the groups must plan a simulated construction project in challenge six.
- Participants will learn about the main objectives in production and some of the ways companies are meeting these objectives. Sale or abandonment of assets will be discussed. Further reading will be suggested for additional understanding of asset management.



### Target Audience

- Anyone who desires an increased understanding of the management of upstream oil and gas assets.



### Course Outline

- **Day 1**
- **Strategy**
- Macro-economics and corporate strategic responses
- Three tests of strategy
- Internal and external factors impacting the value of assets
- Fiscal regimes
- Simulated Challenge 1: Finding Blocks



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- **Day 2**
- **Exploration**
- Petroleum systems
- Geophysical methods
- Exploration as a process and successful exploration strategies
- Petroleum economics
- Simulated Challenge 2: Prospecting
- **Day 3**
- **Appraisal**
- Drilling
- Reserves classification
- Reservoir appraisal
- Simulated Challenge 3: Exploration and Appraisal Drilling, including Partnerships
- **Day 4**
- **Development**
- Field development
- Simulated Challenge 4: Depletion Plan
- Facilities
- Simulated Challenge 5: Facilities Plan
- Construction and project management
- Simulated Challenge 6: Construction Project
- **Day 5**
- **Production**
- Production
- Maximizing value
- Abandonment

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- 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.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.



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### Price (USD)

Communicate with the training department  
to know the participation fees

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

### The details of the bank account

Bank name: CIMB Bank Berhad

Account name: Asia Masters Center SDN. BHD

Bank account number: 80-0733590-5

Swift code: CIBBMYKL

IBAN: Null