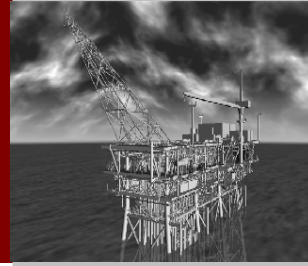


# BASIC STRUCTURAL ENGINEERING

Individual Fee : RM 1750  
International EURO 750



## Who Should ATTEND

Technical staff, project engineers, engineering discipline leads, engineering specialists, and operating staffs who are engaged in the asset development, surveillance, and management of all types of offshore systems. Participants should have a basic awareness of offshore engineering and construction or have a background working in onshore oil and gas projects or engineering.

## Course OBJECTIVES

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

- Apply vector mechanics and mechanic of materials, simple stiffness matrix fir structural analysis
- Identify offshore platform type
- Describe type of weights for offshore platforms
- Describe platform design phases and installations methods for a fixed platform
- Describe typical loads acting and boundary condition

## Course CONTENTS

Vector Mechanics, Mechanics of Materials, Types of offshore platforms; Fixed Platforms, Floating Platforms, Platform Design Phase; In-service, Pre-service, Typical Loads; Gravity, Environment, Mooring, Impact, Boundary Conditions; Lifting, Loadout, Transportation, In-place.

## Course TUTOR

### Mr Muhammad Her Bin Hj Jantan

Is a graduate of University College of Swansea with a Master of Science in Finite Element Analysis. He began his career with University of Technology Malaysia as a lecturer for the Mechanical Engineering students. He worked in the mechanical department for six (6) years, specializing in finite element analysis, stress analysis and computational analysis and design. In 1994, Mr Her joined a consulting company like Brown & Root Engineering (M) Sdn Bhd, Kvaerner Petrominco Engineering SB, Net Norske Veritas As SB where he worked for 14 years as a structure engineer in the company. He was involved in many offshore and onshore projects for oil and gas producers, both domestic and international. Now, he has over sixteen (16) years of experience in trade including eleven (11) years in engineering and management of oil and gas facilities developments. His responsibilities included structural engineering, marine engineering, marine warranty surveyor, an academic staff in the university, industrial and business development. He has been a trainer for Octagon Petroleum Technology Sdn Bhd for 3 years. He is a Registered Professional Engineer. Mr Her is a member of Institute of Marine Engineering, Science & Technology (IMarEST).

## REPLY FORM

Name 1& Job Title : \_\_\_\_\_

Name 2& Job Title : \_\_\_\_\_

### Company Information

Company Address : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_

### Method of payment

Please kindly complete and return the reply form together with

By cheque / Bank draft which are made payable to OCTAGON PETROLEUM TECHNOLOGY SDN. BHD.

Please instruct your bank to remit us the full amount net of bank charges

Acct No: 62038-0-01-001554-1  
Bank: Alliance Bank Bhd  
Branch: Kajang

### Cancellation & substitutions

A full refund will be promptly made for all written cancellations 2 weeks before the meeting. 50% refund will be made for written cancellations received 7 days before the meeting. A substitute may be made at any time.

### Note

a)The organiser has the right to make any amendments that they deem to be in the best interest of the course and to cancel the course if insufficient registrations are received a week before course commencements date .

b) CERTIFICATE OF ATTENDANCE will be awarded at the end of the course.

Enquiries |  
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