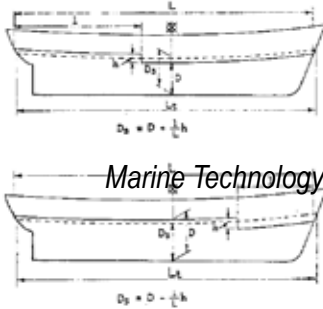




# FREEBOARD & TONNAGE CALCULATION



Marine Technology Centre (MTC) is a CLASS A Training Provider under HRDF (Reg. No 0902) | SBL Scheme

## COURSE CONTENT

### COURSE OBJECTIVE

After completing this course, the participants should be able to:

- Carry out freeboard Calculations.
- Carry out tonnage calculations.

### COURSE METHODOLOGY

Lectures, exercises, laboratory demonstrations.

### COURSE ASSESSMENT

In-class exercise, final test.

### CERTIFICATE

- Certificate of Achievement with grades will be presented to those who pass the assessment.
- Certificate of Attendance will be given to those with at least 80% attendance.

No.	Topic	Duration (hours)
1.	Introduction to freeboard, terms and definition	2
2.	Freeboard formula and calculation procedure	3
3.	Examples of calculation	2
4.	Hand on exercise on freeboard calculation	6
5.	Computer application on freeboard calculation	3
6.	Introduction to tonnage measurement, terms and definition	2
7.	Tonnage formula and calculation procedure	3
8.	Examples of calculation	2
9.	Hand on onboard tonnage calculation	6
10.	Overall discussion about the course	3

### WHO SHOULD ATTEND

Designer, design managers, naval architect, officers, engineers, enforcement officers.

### COURSE TUTOR

1. Professor Dr. Adi Maimun bin Abdul Malik
2. Tuan Haji Yahya bin Samian

For Customised / In-house Training Programmes, please contact : MISS NURUL at +607 553 5708



Short Course Secretariat, Marine Technology Centre (P22),

Universiti Teknologi Malaysia, 81310 UTM Johor Bahru, MALAYSIA

Tel : +607 553 5708, Fax : +607 557 4710, Website : <http://www.mtc.utm.my/short-course/>

**COURSE DETAILS**

Course Name : \_\_\_\_\_

Date : \_\_\_\_\_

*(Any inquiry for accomodation please contact Miss Nurul)*

No.	Name of Participant	Mobile No.	E-mail Address	NRIC (for HRDF Claim)	Fee (RM)

*(Please attach a separate list if necessary)***Total** **SPONSORSHIP :**  Self-Sponsored  Company-Sponsored**INDIVIDUAL / COMPANY DETAILS** (for issuance of invoice)

Organisation : \_\_\_\_\_

Co. Reg. No. \* : \_\_\_\_\_ *\*if applicable*

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

Contact Person : \_\_\_\_\_

Tel No. : \_\_\_\_\_ Designation : \_\_\_\_\_

Fax No. : \_\_\_\_\_ E-mail : \_\_\_\_\_

*Cancellations received in writing 30 days prior to the programme are eligible for a refund, subject to a cancellation fee. Cancellations received less than 14 days from the date of the programme are not eligible for a refund. However, substitute attendees are welcome. Please note that the speakers and topics are confirmed at the time of printing. However, circumstances beyond the control of the organisers may necessitate substitutions or cancellations of speakers and/or topics. As such MTC reserves the right to alter or modify the advertised speakers and/or topics*

Authorised Signature \* : \_\_\_\_\_ Date : \_\_\_\_\_

Name : \_\_\_\_\_ Designation : \_\_\_\_\_

*\* Head of Department / Approving Manager*

Company Stamp

**MODE OF PAYMENT**

A. Checque or Bank Draft

Checque No. / Bank Draft No. : \_\_\_\_\_ Bank / Branch : \_\_\_\_\_

**All crossed cheque / bank draft should be made payable to Account Name : BENDAHARI UTM  
Account Number : 8006053536 | Bank Name : CIMB Bank Berhad | Branch : UTM Skudai**

B. Telegraphic Transfer / Local Order

Transaction Date : \_\_\_\_\_ Reference Number : \_\_\_\_\_

| Terms &amp; Conditions Apply |

**For futher information, please contact :**Short Course Secretariat, Marine Technology Centre (P22),  
Universiti Teknologi Malaysia, 81310 UTM Johor Bahru, MALAYSIA  
Tel : +607 553 5708 | Fax : +607 557 4710 | E-mail : mtc@utm.my  
Website : <http://www.mtc.utm.my/short-course/>