



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Marine Technology
Centre (MTC)

MT004 : 4 DAYS COURSE ON

SHIP RESISTANCE & PROPULSION

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



COURSE OBJECTIVE

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

- Describes the various components of ship resistance.
- Calculate resistance and powering using methodical series.
- Differentiate the various concepts of ship propulsion devices.
- Describe propeller design procedures.

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.

COURSE TUTOR

1. Ir. Dr. Mohamad Pauzi bin Abdul Ghani
2. Tuan Haji Yahya bin Samian

COURSE METHODOLOGY

Lectures, exercises, laboratory demonstrations.

COURSE CONTENT

No.	Topic	Duration (hours)
1.	Resistance Prediction Methods	5
2.	Estimating Horsepower	4
3.	Ship Model Testing	4
4.	Propeller Geometry and Drawings	3
5.	Propeller Theory	3
6.	Propeller Design Procedure	5
7.	Propeller Devices and Powering	5
8.	The Quest of Highest Speed	3

COURSE ASSESSMENT

In-class exercise, final test.

WHO SHOULD ATTEND

Executives, officers, engineers, supervisors and technical staff who are involved in the maritime industry, with minimum qualification of Diploma in any field of study with at least one year experience in the maritime industry.

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 & Conditions Apply* |**For futher information, please contact :**Short Course Secretariat, Marine Technology Centre (P22),
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