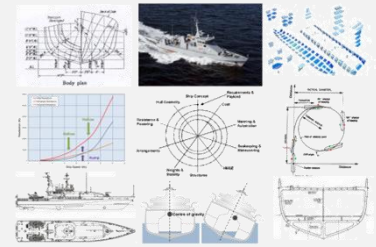


SHORT COURSE ON PATROL CRAFT DESIGN



As part of the technology transfer program (Industrial Collaboration Programme) for the supply of Six Patrol Crafts for the Malaysian Maritime Enforcement Agency (MMEA), a short course will be held as follows:

- Date:** : Wednesday 6th December and Thursday 7th December 2017
- Venue** : Seminar Room, Level 1, Block C23, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, Skudai, Johor.
- Time** : 9.00am to 5.00pm
- Course Facilitators** : Engineers and Designers from Fassmer, Germany

Course Content:

Concept Design

- Fassmer Company Presentation
- Concept Design/Operational Profile
- Tender Process
- Contractual Structure

Power/Speed Prediction

- Towing Tank
- CFD
- Hull Optimization
- Interceptor

Weight

- Weight estimate
- Weight control

Stability

- Intact Stability
- Damage Stability

Manoeuvrability

- Hull factors
- Simulation

Structure

- Basic
- FEM
- Detail Design
- Navisworks Model

Propulsion System

- Machinery
- Propeller Design
- Engine Selection

Production

- Building Strategy
- Modern Shipbuilding challenges

Project

Management/Cost

- Data Exchange
- Material Planning

Hurry Up! There is no registration fee and places are limited. Lunch and tea break will be provided.

Please register via this link:

[Click here to open Participant Registration Form](#)

Organised by:

