

Liverpool John Moores University

Title: NAVIGATION AIDS, EQUIPMENT AND SIMULATOR
TRAINING MANAGEMENT LEVEL NAEST (M)
Status: Definitive
Code: **4002MARCPD** (126549)
Version Start Date: 01-08-2021
Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

| Team | Leader |
|----------------|--------|
| Abdul Khalique | Y |

Academic Level: FHEQ4 **Credit Value:** 0 **Total Delivered Hours:** 60

Delivery Options

Course typically offered: Semester 2

| Component | Contact Hours |
|-----------|---------------|
| Practical | 60 |

Grading Basis: Pass/Not Pass

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|-----------|-------------------|------------------------|---------------|---------------|
| Portfolio | Port | Portfolio of exercises | 100 | |

Aims

This course designed to assess the skills required to maintain safe navigation through the use of electronic navigation systems.

Learning Outcomes

After completing the module the student should be able to:

- 1 demonstrate competency in maintaining safe navigation through the use of radar, automatic radar plotting aids, electronic chart display and information systems, automatic identification systems, and navigation systems to support decision making and the application of bridge resource management principles and

procedures.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

| | |
|-----------|---|
| Portfolio | 1 |
|-----------|---|

Outline Syllabus

Syllabus will be approved by the MCA and follow NMTB 2015 guidelines for NAEST. Typically it will include: maintaining a safe navigational watch, resource management (human element), radar techniques intermittent and restricted visibility, ECDIS controls (change types ENC/RNC, use functions to scale, VRM,EBL etc.) select passage plan and monitor passage, blind pilotage and navigation management, position fixing and navigational error, coastal navigation, collision avoidance, voyage planning, Search and rescue.

Learning Activities

Lectures and practical exercises

Notes

This is a standalone single module not-for-credit CPD (programme code 36211).

Candidates for this programme must satisfy MCA entry criteria in the current Marine Guidance Note. Prerequisites: OOW (Deck) CoC under Regulation II/1 of the STCW code with at least 12 months watch keeping service and either NAEST Operational Course certificate obtained after 1st January 2005 or MCA Approved ECDIS course issued in compliance with IMO Model Course 1.27 and approved by an Administration whose CoC is accepted by the MCA for the issue of a CEC.

Training and assessment must be undertaken by persons qualified in accordance with the requirements of Section A-1/6 of the STCW code in accordance with the training center's QMS.