

Navigation officer Program structure



أكاديمية أبوظبي البحرية
ABU DHABI MARITIME ACADEMY

Phase 1

Diploma in Shipping and
Maritime Operations
(12-month) including Work
based learning

At Abu Dhabi Maritime Academy



STCW courses



12-month seetime



CoC Preparatory training +
STCW courses (6-month)

At Abu Dhabi Maritime Academy



CoC Oral examination by
MoEI



Certificate of competency (CoC) Officer In Charge Of A Navigational
Watch (OICNW) On Vessels Over 500 GT by MoEI, UAE



Phase 2

Phase 3

Diploma in Shipping and Maritime Operations

Total Credit Hours = 90
Total No. of Unit / Courses = 19



Term 1

Term 2

Term 3

Term 4

Applied mathematics (4)

Applied science (7)

Electricity and electronics (3)

English and communication skills (2)

Information technology (Theory plus Lab) (3)

Workshop / Lab - Applied science, electricity & electronics (3)

Terrestrial, celestial navigation and chart work (7)

Cargo handling and stowage (8)

Bridge equipment, navigational watch keeping, meteorology & oceanography (5)

Workshop / Lab - Basic trade skills (3)

Advanced terrestrial and celestial navigation (6)

Advanced bridge equipment, navigational watch keeping, meteorology & oceanography (5)

Advanced cargo handling, stowage and seamanship (5)

Maritime Commerce and shipping legislations (3)

Workshop / Lab – Hydraulics & pneumatics (2)

Workshop / Lab – Basic engineering, seamanship and cargo operations (2)

Ship stability, routine and emergency communications and drills (4)

Ship construction, marine environment protection and basic engineering (6)

Workshop / Lab – Basic engineering, seamanship and cargo operations (2)

Work experience / work-based learning on board ships (10)



Core unit standards

Credit Hours = 90
Units / Courses = 19

Legend :

→ Pre-requisite
→ Co-requisite