

NOVIA UNIVERSITY OF APPLIED SCIENCES MARITIME MANAGEMENT (CAPTAIN)

PRELIMINARY LIST – normally the same courses run either fall (autumn) or spring semester every year, some both. Professional support level courses are not included. Some courses can be done online anytime (mentioned in parenthesis). Some courses are restricted with limited number of participants.

AUTUMN (September - December):

Management level:

SAR theory

Nav aids compasses

English MLE1+ research methodologies

Maneuvering 2 + SAR theory

Route planning 2 theory

Manouv2/SAR Simulator

Routeplan2 Simulator

Navigational Aids INS

Cargo handling 4

Damage Control

Meteorology 2

Math 7

ShipTheory2

Operational level:

GOC (1-4/4)

Medical care 2

(Law and Legislation in working life; Finnish legislation)

Terrestrial Navigation B

Maritime Chemistry

Navigational Aids: GNSS, Compasses and steering (+ ARPA theory)

Stability 1

Ship Security Officer (also online anytime)

Radar plotting 1

Terrestrial Navigation C

Advanced tanker safety

Safety for Officers (Crisis management & Human behavior training) (also online anytime)

Maritime Resource Management

Terrestrial Navigation D + ARPA Simulator

Common studies:

MM14CN01	Mathematics 1	1,5
MM14CN02	Mathematics 2	1,5
MM14CN03	IT Studies 1	1,5
MM14CN04	Physics 1	1
MM14CN07	Physics 2	2
MM14CN10	Maritime Chemistry 1	
MM14CN12	Mathematics 7	1,5
MM14CL01	Professional English 3	1,5
MM14CL03	Professional English 1	2
MM14CL04	English MmL E1: English for Professionals	2
MM14CG01	Swedish (Basic for foreigners)	3
MM14CG03	Sustainable development	1,5
MM14CG04	Research methodology	1,5

SPRING (January – April/May):

Management and operational level:

Medical Care 3 (restricted number of participants)

Mathematics 5

Engine watch

Ship theory Intro + Moodle

Diesel engines 1

Stability 2

Physics 4 (1/2)

Cargo Handling 1, general cargoes

Mathematics 6 (1/2)

Mathematics 5

Prof Swedish

Cargo Handling1- 2

Physics 3

Watch-keeping routines 1: colregs

Mathematics 6

Meteorology and oceanography

Tidal calculations

Physics 4

Route planning 2 (theory + simulator)

ECDIS Theory

Route planning 1

Management level Law Course

Watch-keeping Duties 2

Watch-keeping Duties 2: Bridge routines & ECDIS, Simulator

ISM + conventions, environmental protection

Maneuvering 1 theory

Maneuvering 1 Simulator

Celestial Nav1,2,3

Nav.Aids: Radar

Mathematics $\frac{3}{4}$

(ADV FIREFIGHTING: restricted)

Watch-keeping Duties 3 (advanced collision regulations)

Maritime Economics

International legislative Code

Advanced Tanker Course

Cargo Handling 6, Tank

Medical Care 3 (restricted; max 15)

Maneuvering 2 (theory + simulator)

SAR (search and rescue) (theory + simulator)

Mechanical engineering

*Nav.Aids: Radar (1st year course, basic radar concepts)

Cargo Handling 5, bulk

Cargo Handling 1-2

Cargo Handling 2, RoRo

Common studies:

MM14CN05	Physics 4	2,5
MM14CN06	Mathematics 5	2
MM14CN08	Physics 3	2
MM14CN09	Mathematics 3/4	3

MM14CN11	Mathematics 6	1,5	
MM14CL02	Professional Swedish	1,5	
MM14CL05	English MmL E2: Maritime Business English		2
MM14CG02	Basic Finnish	3	
MM14CG04	Research methodology	1,5	