



## COURSES OFFERED AT NORWEGIAN TRAINING CENTER - MANILA

SHIP & CARGO HANDLING COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
<b>01 General Tanker Familiarization (STCW '95)</b>	2 Weeks (5 days/week)	USD 562.00	USD 625.00
<b>02 Specialized Training for Oil Tanker (STCW '95)</b>	2 Weeks (5 days/week)	USD 630.00	USD 683.00
<b>03 Ship Maneuvering and Handling</b>	1 Week (5 days/week)	USD 960.00	USD 1,064.00
<b>04 Specialized Training for Chemical Tanker (STCW '95)</b>	2 Weeks (5 days/week)	USD 630.00	USD 683.00
<b>05 Ship Simulator and Bridge Teamwork</b>	1 Week (5 days/week)	USD 874.00	USD 972.00
<b>06 Specialized Training for Liquefied Gas Tanker (STCW '95)</b>	2 Weeks (5 days/week)	USD 630.00	USD 683.00
<b>06A LNG Familiarization for Deck &amp; Engine Ratings</b>	4 days	USD 340.00	USD 378.00
<b>06B LNG Cargo Handling Operations Simulator</b>	1 Week (5 days/week)	USD 1,380.00	No additional charge
<b>06C LPG Cargo and Ballast Handling</b>	1 Week (5 days/week)	USD 914.00	No additional charge
<b>07A Basic Stability and Trim</b>	1 Week (5 days/week)	USD 394.00	USD 436.00
<b>08A Bridge Watchkeeping (Formerly NWCA)</b>	1 Week (5 days/week)	USD 477.00	USD 518.00
<b>09 Bridge Team Management</b>	1 Week (5 days/week)	USD 874.00	USD 972.00
<b>10 Ship-to-Ship Lightering</b>	1 Week (5 days/week)	USD 2,500.00	No additional charge
<b>10A Bridge Training In Critical Situations (Simulation)</b>	1 Week (5 days/week)	USD 874.00	USD 972.00
<b>11 Electronic Chart Display and Information System</b>	1 Week (5 days/week)	USD 477.00	USD 518.00



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SHIP & CARGO HANDLING COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
12A Dynamic Positioning System (Basic)	1 Week (5 days/week)	USD 2,243.00	No additional charge
12B Dynamic Positioning System (Advanced)	1 Week (5 days/week)	USD 2,588.00	No additional charge
13 Fixed Hydraulic Ship Crane (G20)	3 days	USD 539.00	No additional charge
13A Offshore Crane Training Course (G5)	1 Week (5 days/week)	USD 1,380.00	No additional charge
- Shiphandling with High Lift Rudder	1 Week (5 days/week)	USD 960.00	No additional charge
- Shiphandling with High Lift Rudder (Refresher Training)	2 days	USD 500.00	No additional charge
- Crane Simulator Training	1 Week (5 days/week)	USD 1,500.00	No additional charge

MANAGEMENT COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
21 Shipboard Management	2 Weeks (5 days/week)	USD 693.00	USD 788.00
22 Maritime Administration (Accredited by NMD)	1 Week (5 days/week)	USD 425.00	USD 473.00
23 Maritime Crew Resource Management for Deck and Engine Officers (formerly BRM)	4 days	USD 512.00	USD 569.00
26 DNV - International Safety Management Course	3 days	USD 362.00	No additional charge
27 DNV- Internal Auditing	2 days	USD 315.00	No additional charge
27A Maritime Risk Management and Incident Investigation	3 days	USD 431.00	No additional charge

Course Contribution Effective 1<sup>st</sup> January 2010



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TECHNICAL COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
41 Engineering System	1 Week (5 days/week)	USD 357.00	USD 394.00
42 Control Engineering- Module 1 (STCW '95)	2 Weeks (5 days/week)	USD 709.00	USD 788.00
43 Control Engineering- Module 2 (STCW '95)	1 Week (5 days/week)	USD 425.00	USD 473.00
44 Introduction to Marine Electro Technology (STCW '95)	2 Weeks (5 days/week)	USD 709.00	USD 788.00
45 Marine Electro Technology (STCW '95)	1 Week (5 days/week)	USD 425.00	USD 473.00
46 Electrical Equipment & Schematics	2 Weeks (5 days/week)	USD 709.00	USD 788.00
46A Marine Refrigerant Transition & Recovery	3 days	USD 257.00	USD 284.00
47A Alfa Laval Marine & Power Auxiliary Machinery Systems - Module 1	4 days	USD 380.00	No additional charge
47B Alfa Laval Marine & Power Auxiliary Machinery Systems - Module 2	1 Week (5 days/week)	USD 475.00	No additional charge
48A Alfa Laval Auxiliary Machinery Course (Customized)	As per agreement	As per agreement	
48C Fuel Management	3 days	USD 280.00	No additional charge
49 Bilge Water/ Waste Oil Operations Management	1 Week (5 days/week)	USD 641.00	USD 709.00
50 AMOS – WINDOWS (Spare Parts & Maintenance System)	1 Week (5 days/week)	USD 625.00	No additional charge
51A Auxiliary Boiler Operation and Maintenance	3 days	USD 315.00	No additional charge
52B FRAMO III Advanced Course	2 Weeks (5 days/week)	USD 709.00	USD 788.00
53B FRAMO V Advanced Course	1 Week (5 days/week)	USD 425.00	USD 473.00

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TECHNICAL COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
<b>54 Diesel Engine Course</b>	1 Week (5 days/week)	USD 394.00	No additional charge
<b>55 Engineering Knowledge for Deck Officers</b>	4 days	USD 490.00	No additional charge
<b>57 Corrosion Protection and Paint Maintenance</b>	4 days	USD 425.00	USD 473.00
<b>58A STAR-IPS – Vessel Site Users</b>	3 days	USD 375.00	No additional charge
<b>58B BASS Paynet – Vessel Site Users</b>	2 days	USD 250.00	No additional charge
<b>58C BASSnet SAFIR – Enhancing Maritime Safety</b>	2 days	USD 250.00	No additional charge
<b>58D BASSnet Document Manager – Streaming Vessel Management</b>	3 days	USD 375.00	No additional charge
<b>58E BASSnet Maintenance – Vessel Site Users</b>	3 days	USD 375.00	No additional charge
<b>59 TM Master v2 – Onboard</b>	3 days	USD 375.00	No additional charge
<b>70 Pneumatics for Marine Application</b>	1 Week (5 days/week)	USD 415.00	USD 462.00
<b>71 Electro – Pneumatics for Marine Application</b>	1 Week (5 days/week)	USD 467.00	USD 520.00
<b>72 Programmable Logic Control (PLC) for Marine Application</b>	1 Week (5 days/week)	USD 415.00	USD 462.00
<b>73 Hydraulic for Marine Application</b>	1 Week (5 days/week)	USD 562.00	USD 625.00
<b>74 Electro Hydraulic for Marine Application</b>	1 Week (5 days/week)	USD 535.00	USD 595.00

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SAFETY COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
61 Ship Security Officer Course	3 days	USD 305.00	No additional charge
61A Gangway Watch Security	1 day	USD 58.00	No additional charge
62 Company Security Officer Course	3 days	USD 394.00	No additional charge
63 Gas Measuring Equipment Course	2 days	USD 415.00	No additional charge
64 Safety Representative & Working Environment Committee	1 Week (5 days/week)	USD 326.00	USD 362.00
65A GMDSS, STCW '95	3 Weeks (5 days/week)	USD 835.00	USD 929.00
65B GMDSS Refresher Course	1 Week (5 days/week)	USD 525.00	No additional charge
14 Basic VHF Radio Course	2 Days	USD 315.00	No additional charge

Culinary Courses	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
81 Upgrading Course for Cooks	2 Weeks (5 days/week)	USD 704.00	USD 782.00
82 Upgrading Course for Messmen	2 Weeks (5 days/week)	USD 630.00	USD 704.00
- Upgrading Course for Scandinavian Cuisine	1 Week (5 Days/Week)	USD 704.00	No additional charge

Course Contribution Effective 1<sup>st</sup> January 2010



WELDING COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
<b>83A Advanced Welding Courses</b>	2 Weeks (5 days/week)	USD 945.00	No additional charge
<b>83B Electrode Welding and Cutting</b>	1 Week (5 days/week)	USD 446.00	No additional charge
<b>83C Welding and Brazing of Stainless Steel</b>	1 Week (5 days/week)	USD 604.00	No additional charge
<b>83D Gas Welding / Cutting and Brazing</b>	1 Week (5 days/week)	USD 394.00	No additional charge
<b>83E Tig Welding and Brazing of Seawater Pipe</b>	1 Week (5 days/week)	USD 499.00	No additional charge
<b>83F Mig &amp; Mag Welding</b>	1 Week (5 days/week)	USD 467.00	No additional charge
<b>83G Basic Welding and Fabrication</b>	2 Weeks (5 days/week)	USD 788.00	No additional charge
<b>83H Upgrading Course for Shipfitters</b>	2 Weeks (5 days/week)	USD 893.00	No additional charge
<b>83I Trade Test 1 – Basic Test for Welding Skills</b>	2 hours	USD 37.00	No additional charge
<b>83J Trade Test 2 – Advanced Test for Welding Skills</b>	1 day	USD 84.00	No additional charge
<b>83K Training / Testing for DNV Welder Certification</b>			
<b>1. Pre-DNV Test</b>	1 to 2 hours	USD 42.00	No additional charge
<b>2. Training Practice for DNV Qualification</b>	Number of days varies depending on welder's skill.	USD 105.00 / day	No additional charge
<b>3. DNV Qualification Testing (without Radiographic Test)</b>	Number of days varies depending on welder's skill.	USD 120.00 / day	No additional charge
<b>4. DNV Qualification Testing (with Radiographic Test)</b>	Number of days varies depending on welder's skill.	USD 142.00 / day	No additional charge



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WELDING COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
83L Arc Welding and Gouging (Sea Fastening)	1 Week (5 days/week)	USD 551.00	No additional charge
83M Basic Welding & Metal Working	4 Weeks (5 days/week)	USD 1,733.00	No additional charge
83N Advanced Welding and Pipe Fabrication	10 – 15 Days	10 Days: USD 945.00 15 Days: USD 1,000.00	
83O Fitter / Fabricator Test	1.5 Days	USD 225.00	No additional charge
- Plasma Cutting Process	1 Day	USD 110.00	No additional charge

OTHER COURSES	Course Duration	Course Contribution	
		NSA Member	Non-NSA Member
- Marine Meteorology	1 Week (5 days/week)	USD 394.00	No additional charge
- Marine Engineering Auxiliary Machineries	1 Week (5 days/week)	USD 394.00	No additional charge
- Environmental Awareness Training	3 days	USD 350.00	No additional charge
- Marine Electrical Maintenance	10 days	USD 1,475.00	No additional charge

ASSESSMENT PROGRAM	Duration	Course Contribution	
		NSA Member	Non-NSA Member
- Swedish Maritime Legislation Examination	1 day	USD 75.00	No additional charge
- Deck / Engine / Electrical Officers Evaluation Program	2 days	USD 80.00	No additional charge

**\* \* \* Nothing Follows \* \* \***