

ADU e-Learning: Ship Management Certificates

SHIP MANAGEMENT CERTIFICATE PROGRAMS



1) CERTIFICATE IN SHIP SUPERINTENDENT (GENERAL)		INSTRUCTORS
◇ MARITIME INSURANCE AND LAW		Mr. Michael F. Minogue, B.S.
◇ HEALTH, SAFETY, SECURITY AND ENVIRONMENT		Capt Rohit Puri, Class 1 FG Master Mariner.
◇ CORPORATE AND SOCIAL RESPONSIBILITY		Dr Swapan Das Sarma Ph.D., MBA, Class 1 Chief Engineer (Steam and Diesel).
◇ SHIP PERFORMANCE, DRYDOCKING AND REPAIR		Mr. Andy Anantharam, MBA, CI ass 1 Chief Engineer (Steam and Diesel).
◇ PROJECT MANAGEMENT AND QUALITY ASSURANCE		Dr. Ramesh Rajagopalan, Ph.D.; MBA.
◇ FINANCIAL MANAGEMENT FOR SHIPS		Capt Miro Peter Alibasic, MSc; Dipl Engr; PE; Class 1 FG Master Mariner.
◇ SHIP CERTIFICATION AND SURVEYS		Mr. Andy Anantharam, MBA; CI ass 1 Chief Engineer (Steam and Diesel).
3) CERTIFICATE IN SHIP SUPERINTENDENT (MARINE)		
◇ CHARTERING AND CARGO CARRIAGE		Capt Rohit Puri, Class 1 FG Master Mariner.
◇ CONTROL OF OPERATIONS AND NAUTICAL EQUIPMENT		Capt Miro Peter Alibasic, BSc, MSc, PE; Dipl. Engr; CI ass 1 FG Master Mariner.
3) CERTIFICATE IN SHIP SUPERINTENDENT (TECHNICAL)		
◇ HULL, MACHINERY & MAINTENANCE		Mr. Rudy M. Morones, M.S.; B.S.; Class 1 Chief Engineer (Steam, and Diesel).
◇ TECHNICAL EQUIPMENT AND CONTROL SYSTEMS		Mr. Rodney Walline, B.S.; Class 1 Chief Engineer (Diesel).
4) CERTIFICATE IN MARITIME LOGISTICS		Dr. Sashi Kumar, Ph.D.; M.S.; CI ass 1 FG Master Mariner.
5) CERTIFICATE IN BREAKBULK SHIPPING		Mr. Peter Tirschwell MBA, BA.
6) CERTIFICATE IN LNG CARGO OPERATIONS		Dr. Manivannan, Ph.D., M.S., CI ass 1 FG Master Mariner.

ADU e-Learning: Course Description

CERTIFICATES OF SHIP SUPERINTENDENT (GENERAL), (MARINE) AND (TECHNICAL)

These programs contain a suit of courses: 7 courses in General and 2 each in Marine and Technical. These pack a comprehensive training portfolio for a Ship Superintendent, a Port Engineer or a Marine Manager. The courses provide the necessary management skills to supervise and support ship operations, and upkeep and maintenance from ashore. All the courses meet DNVs Competence of Ship Superintendents, 3.301, element 3 standards. Each program is awarded a professional Certificate from ADU.

CERTIFICATE IN LNG CARGO OPERATIONS

World 's first web based LNG program designed to assist seafarers and maritime workers effectively and efficiently manage LNG Shipping operations. This program, comprised of 6 courses, was developed in collaboration with Malaysian Maritime Academy (ALAM) and certified by the Det Norske Veritas following DNV standard 3.303. The Malaysian International Shipping Co (MISC), one of the largest transporter of LNG cargo, was the industry partner assisting with the review of this program. This is a Professional Certificate program offered by ADU.

CERTIFICATE IN MARITIME LOGISTICS

Developed in collaboration with the Maine Maritime Academy, this course leads to a Certificate in Maritime Logistics from ADU. This e-learning training helps the logistics professionals and those who are new to this industry to equip themselves with the latest practices in maritime transportation and supply chain management. The complexity of decision making in logistics and transportation involving its many stakeholders and processes are part of this interesting certificate program.

CERTIFICATE IN BREAKBULK SHIPPING

Developed in collaboration with the Breakbulk Institute, NJ, USA, this course offers companies the ability to provide a primer for new entrants to the Breakbulk industry along with advanced topics to enhance the knowledge of existing employees. Students will learn about the application of multipurpose ships in Breakbulk Shipping to handle project cargo and heavy lift pieces of varying dimensions. This course is awarded a Professional Certificate in Breakbulk Shipping from ADU.

VOCATIONAL SHORT COURSES

ADU runs short training courses in the areas of Electrical Engineering and Information Technology that could be of interest to maritime students, workers and general public trying to find appropriate skill based employment. These courses are equivalent to 30-45 hours of classroom instruction and students are able to do these by e-learning self-study. Graduates are awarded with a Certificate of Completion once they pass scheduled online tests upon course completion.

ELECTRICAL ENGINEERING:

1. BASIC WORKSHOP TECHNOLOGY
2. BASICS OF ELECTRICAL TECHNOLOGY
3. ELECTRICAL MAINTENANCE
4. HOME APPLIANCES
5. MEASURING INSTRUMENTATION
6. WIRING PRACTICES
7. BATTERIES

INFORMATION TECHNOLOGY:

1. BASICS OF COMPUTERS
2. DIGITAL SYSTEMS
3. NETWORK PROTOCOL
4. NETWORK SECURITY CONCEPTS
5. NETWORK DEVICES
6. WEB SERVERS
7. MICROPROCESSORS



VOCATIONAL CERTIFICATES



ADU offers a number of courses in the marine engineering and ship operations areas aimed at seafaring cadets and officers in closing their knowledge and skill gaps in various aspects of technology and operations. Students can enroll in these courses anytime during the year. Students preparing for license examinations at various Deck and Engineering competency levels as ship officers will also find these useful. They will find these courses interesting and engaging because of the use of interactive multimedia that makes the complex technology and operational concepts easy to understand.

MARINE ENGINEERING

1	IMC-ME-BLR	AUXILIARY BOILER PLANT
2	IMC-ME-AIRC	AIR COMPRESSOR
3	IMC-ME-FWG	FRESH WATER GENERATOR
4	IMC-ME-STG	STEERING GEAR
5	IMC-ME-AUXENG	AUXILIARY ENGINE
6	IMC-ME-MENG	MAIN ENGINE
7	IMC-ME-FOM	FUEL OIL MANAGEMENT
8	IMC-ME-LUBM	LUBRICATION & LUB OIL MANAGMENT
9	IMC-ME-CENTRF	CENTRIFUGES
10	IMC-ME-PROP	PROPELLER AND SHAFTING
11	IMC-ME-PUMPS	PUMPS AND VALVES
12	IMC-ME-HEXCH	HEAT EXCHANGERS
13	IMC-ME-ANCSYS	SHIPBOARD ANCILLARY SYSTEMS
14	IMC-ME-REF&AC	REFRIGERATION & AIR-CONDITIONING



SHIP OPERATIONS



1	IMC-OP-MET	METEOROLOGY
2	IMC-OP-CELNAV	CELESTIAL NAVIGATION
3	IMC-OP-OCNAV	OCEAN NAVIGATION
4	IMC-OP-COMPAS	ELECTRONIC NAVGATION AID I
5	IMC-OP-GPSETC	ELECTRONIC NAVIGATION AID II
6	IMC-OP-ARPA	ELECTRONIC NAVIGATION AID III
7	IMC-OP-NAVSAFE	SAFETY OF NAVIGATION
8	IMC-OP-FFBASIC	BASIC FIRE FIGHTING ON SHIPS
9	IMC-OP-SCON	SHIP CONSTRUCTION
10	IMC-OP-STAB	SHIP STABILITY
11	IMC-OP-CARGO	CARGOWORK

ADU e-Learning: Maritime Programs

Some of our experienced Instructors



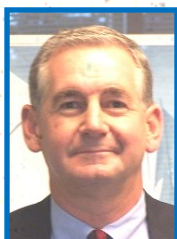
Capt Miro Peter Alibasic:

Captain of LPG, VLCC, ULCC, FPSO vessels. MSc Dipl Engr, PE; Professor, University of Dubrovnik, Instructor and Examiner, Port Authority of Dubrovnik, Commander USN (Military Sealift Command); Ship Security and MIP Advisor on Piracy.



Rodney Walline:

A Graduate of the Massachusetts Maritime Academy and 30 years at sea ; Chief Engineer with Seabulk Tankers, Florida. Technical Ship Superintendent for 3 years with Overseas Shipbuilding Group, Delaware.



Michael F. Minogue:

A Graduate of the United States Merchant Marine Academy at Kings Point, NY; a ship superintendent with NYK Line, USA for 4 years and 29 years with Lamorte Burns, CT dealing with marine Insurance; CEO of ECM Services, CT specializing in compliance services under OPA 90 and other USCG regs.



Capt Rohit Puri:

Captain of VLCC and ULCC vessels with Wallem Shipping, HK; 20 years at sea and 3 years as Ship Superintendent with Wallem at Florida. CEO, Aquarius Mar Consultancy, Florida, specializing in port captain services, cargo surveys, 3rd party ship inspections etc.



Rudy M. Morones:

Graduate of the United States Merchant Marine Academy at Kings Point, NY; 20 years at sea ; 12 years Chief Engineer on steam and diesel ships; 11 year Chief Eng with APL; 20 years as Class Surveyor, Ship Superintendent and Repair Director; MS Degree from LIU, NY.



Andy Anantharam:

A Graduate of MERI, a part of the Indian Maritime University, 10 years at sea; Chief Engineer on steam and diesel ships. 30 years of Superintending and Fleet management with APL, Maersk Line, USA. NJ Consultant troubleshooter, drydocking, ULCC reactivation etc.

The screenshot shows a web-based LMS interface. On the left is a sidebar menu with expandable sections: 'About this Course', 'Monitoring Of Ships Performance', 'Drydocking and Repairs' (which is expanded to show sub-sections like 'Learning Objectives', 'What the Shipping Companies say', 'Drydocking Activities', 'Before Drydocking', 'Why Drydock?', 'Identify Modifications Required', 'Build Drydock Defect List', 'Carry out Pre drydocking Inspection', 'Prepare Drydock Specifications', 'Arrange Spares and Stores', 'Prepare Drydock Budget', 'Prepare Request for Quotation', 'Select Shipyard', 'Negotiating with Shipyards', 'Quiz', 'During Drydocking', 'After Drydocking', 'Resources', and 'Extra Reference Material'), and 'Corrosion Protection and Painting Systems'. The main content area is titled 'What the Shipping Companies say > Drydocking Gone Wrong > Drydocking Activities'. It features a timeline diagram with a red bar indicating a 10-day wait. A text box explains: 'The vessel was moved back into dock only after the next vessel had completed her docking - this was a 10-day wait.' Below the timeline, there is a section titled 'Damaged Cargo Pumps' with a 'Background' tab selected. A note at the bottom states: 'This case study has 3 sections'. A speech bubble on the right points to the page with the text: 'The Interactive Learning Management System (LMS) Course page'.



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