



**LLOYD'S
MARITIME
ACADEMY**

DIPLOMA IN TANKER MANAGEMENT

Study vessel design, vetting, chartering, onboard operations, loading, discharging and shore-based management for the oil, gas and petrochemicals shipping sector.

Assessed and
Awarded by

NKC
**NORTH KENT
COLLEGE**



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DIPLOMA IN TANKER MANAGEMENT

ABOUT THIS COURSE

In an increasingly technical and regulatory environment the oil, gas and petrochemicals shipping sector encompasses some unique challenges. This professional development course develops a thorough and detailed knowledge and understanding of the design, technical, operations, legal and managerial challenges that need to be addressed for an individual or company to be successful in the management of all tanker types.

From the types and design of vessels used to the way the cargo is handled, from understanding the inspections undertaken to how a vessel is chartered by the oil and gas majors, from onboard operations to terminal management, and from the ship/shore interface to commercial operations and management, every aspect of business is examined in detail.

The course develops a broad spectrum of essential knowledge, combining theoretical insight with practical guidance, rich examples, graphs, case studies, pictures and experiential exercises in order to develop the vital understanding necessary for professionals wanting to thrive in the tanker sector.

Course highlights:

- Delivered by experts in the field – Course Director: **Michael Quain**
- Duration: **12 months**
- Delivery: **Tutored part-time distance learning**
- Award: **Diploma**

Ideal for:

The course has a wide appeal for professionals already working, or wishing to work, in the oil, gas and petrochemicals shipping sector and wishing to develop their career. Including:

- Seafarers and terminal personnel with responsibility for loading, discharging, care in transit or handling of bulk liquid cargoes.
- Naval architects, surveyors, auditors and vetting professionals
- Ship owners, operators, technical managers and superintendents
- Charterers, brokers, underwriters and legal professionals
- Wider shore-based executives involved in the sector
- Newcomers to the industry

DIPLOMA IN TANKER MANAGEMENT

OUTCOMES

What you will learn:

1. Discuss the supply chain of the oil, gas and petrochemicals industry and how it corresponds to the shipping industry.
2. Evaluate the different tanker types, their design, specifications imposed by the sector and supply.
3. Discuss how tankers are operated and managed, along with corresponding regulatory requirements.
4. Explore methods used in chartering and how tankers are audited and vetted by the industry.
5. Identify the issues involved in tanker operations, including terminal management and cargo handling.
6. Explore commercial management of tankers.

“Key requirements for shipowners and operators for success in the oil, gas and petrochemicals industry”

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DIPLOMA IN TANKER MANAGEMENT

COURSE LEADER



Michael Quain

Michael has a wide range of experience in oil, chemical and gas tankers; charter party disputes; navigation; cargo and P&I condition surveys/oil major vetting inspections. For the past fourteen years, Michael has been involved in the operation and maintenance of a wide range of seagoing tankers and dry cargo ships including the development and monitoring of maintenance systems, dry-docking and carrying out afloat repairs to a variety of vessels at various locations around the world. Michael offers independent, impartial, technical advice on a wide variety of marine and engineering matters and has undertaken numerous surveys of vessels. He is able to assist with surveys at site, preliminary advice, through to substantive reports for litigation. Michael has conducted in-house investigation of numerous engineering incidents on-board vessels. He has supervised vessel sale and purchases and conducted ISM, TMSA and ISO 9001 Code audits.

Before his current work onshore, he rose through the ranks from Cadet to become a Fleet Operations Manager, Marine Superintendent and Master, at various shipping operators, including AS Vulcanus and Stamford Tankers. Mike has in total twenty-eight years sea-going experience onboard dry cargo ships, crude, product and chemical tankers; six years' experience as an Operations Manager/ Marine Superintendent/Safety and Quality Manager; and eight years' experience as a self-employed consultant specialising in tanker vetting (SIRE), lead auditor of tanker operators' management systems, and Expert Witness.

Mike also has an Unlimited Master Mariner Certificate of Competency; and he is a Younger Brother of Trinity House; a Member of the Nautical Institute and a Member of the Honourable Company of Master Mariners.

“Practical guidance to understand the complexities within the oil, gas and petrochemicals shipping sector”

How You Will Learn:

Every course is broken down into manageable modules, designed to accelerate your learning process through diverse learning activities:

- Work through your instructional material online
- Interact with your peers and learning facilitators through the online forum
- to discuss subject related issues and to network with your fellow learners
- Investigate relevant, real-world case studies
- Apply what you learn each week to ongoing project submissions

KEY INFORMATION

When does it start and how long is the course?

The course is 12 months long and the modules are released online, one every month. Please go online to see the next available start date.

What are the entry requirements?

Participants should be able to prove a minimum achievement of A-Level or equivalent (High School) or those who demonstrate a number of years of relevant industry experience are welcome to apply. You must have an adequate command of English in order to meet the demands of the course.

How is the course assessed?

The course is assessed through a mixture of written course work and online tests. Written assignments are submitted online and written feedback is provided by the marker.

How much does it cost?

Please go online to www.lloydsmaritimeacademy.com/tankermanagement and see the Fees page for full details.

An interest-free instalment plan is available.

Please contact us for more details.



THE OIL, GAS AND PETROCHEMICALS SHIPPING MARKET

Module 1

The module introduces the oil, gas and petrochemicals (OG&P) industry, exploring and examining the different sectors that make up this important sector of the maritime industry.

Learning Outcomes:

- Explain how the separate markets are composed.
- Identify the demand and supply patterns of the industry.
- Describe the supply chains in the OG&P industry and their interactions with shipping.
- Identify the different types of tankers used in the different sectors.
- Explain how the OG&P industry's supply chain works in practice.

Indicative Structure:

THE OIL MARKET

- Oil Location
- Industry Structure
- Market Structure
- Overview of Supply
- Overview of Demand
- World Oil Trade Flow
- Supply Chain in the Oil Market
- Types of Ships Used for Transporting Oil

THE GAS MARKET

- Location of Natural Gas
- Gas Market Structure
- Overview of Supply
- Overview of Demand
- World Gas Trade Flow
- Supply Chain in the Gas Market
- Types of Ships Used for Transporting Gas

THE PETROCHEMICALS MARKET

- Petroleum Products
- Chemical Products
- Petrochemical Market Structure
- Supply
- Demand
- World Petrochemical Trade flow
- Supply Chain in the Petrochemical Market
- Types of Ships Used for Transporting Petrochemicals

THE LIQUID ANIMAL AND VEGETABLE PRODUCTS MARKET

- Liquid Animal and Vegetable Oil Products
- Overview of Supply
- Overview of Demand
- World Liquid Animal and Vegetable Products Trade Flow
- Types of Ships Used for Transporting Liquid Animal and Vegetable Products

TANKER VESSEL DESIGN AND SPECIFICATION

Module 2

Module two examines the design and specification of the different types of tankers and why they differ from other vessels used for different purposes.

Learning Outcomes:

- Describe and compare the different vessel types used for OG&P transportation.
- Explain why different vessels must be used for the different sectors.
- Discuss the role of various regulatory authorities with regard to vessel design and construction.
- Describe the application of SOLAS and MARPOL to vessel design and construction.
- Identify specific technical aspects of tanker design.

Indicative Structure:

INTRODUCTION TO TANKER TYPES

- Tanker terminology
- The Oil Tanker
- The Chemical Tanker
- The Liquefied Gas Tanker

CONVENTIONS, CODES AND REGULATIONS

- The International Maritime Organization (IMO)
- The International Convention for the Safety of Life at Sea (SOLAS)
- The International Convention for the Prevention of Pollution from Ships (MARPOL)
- The International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
- The International Code for Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code)
- Role of the Flag State Administration
- Role of the Classification Society

TANKER DESIGN AND CONSTRUCTION

- Oil Tanker Design Specifics
- Chemical Tanker Design Specifics
- Liquefied Gas Tanker Design Specifics
- IMO Goal Based Standards in Tanker Design
- New innovations in tanker design concepts

THE TANKER AT SEA

- Parts of the Ship and Other Nautical Terminology
- Bridge Equipment
- Engine Room Machinery
- The International Regulations for Preventing Collisions at Sea (COLREGS)
- Handling the Ship at Sea
- Mooring the Ship

DIPLOMA IN TANKER MANAGEMENT

SYLLABUS

TANKER MANAGEMENT OVERVIEW

Module 3

This module investigates how safety and environmental protection is managed in the tanker sector by re-examining the international Conventions from the prospective of their application to the day-to-day management of tankers.

Learning Outcomes:

- Explain the application of international conventions, codes and regulations to the management of tankers in service.
- Identify the different types of insurance cover that the tanker owner will need for his ships.
- Discuss the various departments in a tanker management company and their relationship with each other and with the vessel.
- Describe the skills needed to manage the tanker at sea and in port.

Indicative Structure:

CONVENTIONS, CODES AND REGULATIONS

- SOLAS Application to in-Service Management.
- The International Safety Management (ISM) Code
- The International Ship and Port Facilities Security (ISPS) Code
- The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW)
- The Maritime Labour Convention (MLC)

SURVEYS AND CERTIFICATES

- Certificates Required by SOLAS
- Certificates Required by MARPOL
- Dry-Docking and Periodical Maintenance
- Vessel Aging

INSURANCE

- Protection and Indemnity (P&I)
- Hull and Machinery (H&M)

THE OWNER'S OFFICE MANAGEMENT

- The Owner / Manager Relationship
- The Marine Department
- The Technical Department
- The Crewing Department
- Running Costs and Budget

THE TANKER'S CREW

- The Deck Department
- The Engineer Department
- The Catering Department
- The Minimum Safe Manning Certificate
- The Pilot

THE TANKER IN PORT

- General Operations in Port
- The Crew in Port Operations
- The Master in Port

VESSEL SAFETY AND POLLUTION MANAGEMENT

Module 4

This module undertakes an in-depth investigation of how safety and environmental management is applied on board the tanker and how the regulations imposed by international Conventions are administered. An in-depth exploration into compliance and enforcement within the industry is undertaken.

Learning Outcomes:

- Understand how the principles of safe working practice are applied on board a tanker.
- Identify the various codes arising out of the SOLAS Convention with regard to tanker safety.
- Discuss the Annexes of the MARPOL convention and their contents.
- Describe the influence of the USA Oil Pollution Act 1990 and the Civil Liability Convention for oil pollution damage on world tanker trade.
- Explain how safety, security and pollution prevention is managed on board the tanker.
- Compare the roles of various regulatory authorities with regard to tanker safety.

Indicative Structure:

SOLAS

- The Fire Safety Systems (FSS) Code
- Fire Safety Systems On-Board Tankers
- The Life-Saving Appliances (LSA) Code
- Life-Saving Appliance On-Board Tankers
- The IBC Code: Additional Requirements for Chemical Tankers
- The IGC Code: Additional Requirements for Gas Tankers

MARPOL

- The Six Annexes of MARPOL

THE INTERNATIONAL CONVENTION ON CIVIL LIABILITY FOR OIL POLLUTION DAMAGE (CLC CONVENTION)

- History of the CLC
- CLC Certification

THE HAZARDOUS AND NOXIOUS LIQUID SUBSTANCES BY SEA (HNS) CONVENTION

THE USA OIL POLLUTION ACT (OPA90)

- Key Points
- Enforcement
- Individual States Legislation

THE INTERNATIONAL CONVENTION FOR THE CONTROL AND MANAGEMENT OF SHIPS' BALLAST WATER AND SEDIMENTS (BWM CONVENTION)

- Requirements for Ships
- Methods of Managing Ballast Water

THE INTERNATIONAL CONVENTION ON LOAD LINES (CLL)

SAFETY AND POLLUTION MANAGEMENT ON-BOARD

- Safe Working Practices
- Training and Familiarisation
- The Safety Officer and Safety Committee
- Maintenance of Fire, Safety and Emergency Equipment
- Safety and Emergency Drills and Exercises
- Fatigue management
- The ISM Code: Application to On-Board Management

COMPLIANCE AND ENFORCEMENT

- The Role of the Flag State
- The Role of the Classification Society
- The Role of the Port State
- The Role of Industry Bodies

DIPLOMA IN TANKER MANAGEMENT

SYLLABUS

MANAGEMENT STANDARDS: SAFETY, SECURITY, QUALITY, ENVIRONMENT AND RISK

Module 5

The fifth module addresses the different types of management standards and systems used in the tanker industry, and related auditing, including the Tanker Management and Self Assessment (TMSA) programme.

Learning Outcomes:

- Identify the various management codes and international standards used in the tanker industry.
- Explain how these codes and standards are used to create a system specific to the management of tankers.
- Discuss Key Performance Indicators (KPIs) and explain how they apply to the management of tankers.
- Recognise the importance of service providers' and contractors' management standards.

Indicative Structure:

MANAGEMENT STANDARDS AND SYSTEMS

- What Makes a Management System?
- Management Codes and Standards Used in the Tanker Industry

THE ISM CODE

- Implementation
- Certification and Verification

THE ISPS CODE

- Mandatory Requirements

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO) STANDARDS

- ISO 9001 Quality Management Systems
- ISO 14001 Environmental Management Systems
- ISO 50001 Energy Management Systems
- ISO 45001 Occupational Health and Safety
- ISO/IEC 27001 Information Technology - Information Security Management Systems
- ISO 31000 Risk Management

TANKER MANAGEMENT SELF ASSESSMENT (TMSA)

- History of TMSA
- Key Performance Indicators (KPI)
- The Elements of TMSA
- Use of TMSA by the Tanker Operator
- Use of TMSA by Members of OCIMF
- Benefits of TMSA

CYBER SECURITY

- The IMO Response
- The Industry Response
- ISO27001 Information Technology - Information Security Management Systems

AN INTEGRATED TANKER MANAGEMENT SYSTEM MODEL - PART 1

SHIP-TO-SHIP TRANSFER (STS) SERVICE PROVIDERS

- Introduction to STS
- The STS Service Provider
- STS Service Provider Management and Self Assessment (STSMSA)

PRIVATE MARITIME SECURITY COMPANIES

- Background to the Issues
- ISO 28007-1 Ships and Marine Technology - Guidelines for PMSC Providing PCASP On-Board Ships

AUDITING AND VETTING

Module 6

In this module we examine the difference between an audit and a vetting inspection, what the vetting process involves and how the industry uses it to screen tankers for chartering service.

Learning Outcomes:

- Recognise the importance of auditing to enhance management standards.
- Discuss the importance of the SIRE and CDI programmes to the management of tankers.
- Explore the vetting and auditing processes to ensure successful outcomes.
- Describe how a tanker owner/operator can use the auditing and vetting processes as tools for continual improvement.

Indicative Structure:

AUDITING

- Introduction to Auditing
- Types of Audit
- The Auditor
- Auditing your Tanker
- Auditing your Management Office Departments

VETTING

- Introduction to Vetting
- The Chemical Distribution Institute (CDI) Inspection
- The Oil Companies International Marine Forum (OCIMF) Ship Inspection Report Programme (SIRE) programme

THE VETTING INSPECTION PROCESS

- Arranging a SIRE or CDI Inspection
- The SIRE or CDI Inspection
- Observations
- Following Up After a SIRE/CDI Inspection
- Responding to Observations

THE VETTING DECISION

- Port State Control (PSC)
- Casualty Data
- Terminal Feedback
- Vessel Age – Structural Assurance
- Management of Change
- TMSA

AUDITING VERSUS VETTING

- The Extent of the Inspection/Audit

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CARGO HANDLING AND MANAGEMENT

Module 7

This module is about cargo management for OG&P shipping and how cargoes are safely transferred between the tanker and the loading/receiving terminal.

Learning Outcomes:

- Describe how the transfer of cargo between a tanker and a shipper/receiver is managed and documented.
- Distinguish how the transport of animal and vegetable oil products differs from the transport of petrochemicals products.
- Identify the equipment necessary to handle cargo on the tanker
- Explain the use of the instrumentation and its place in the cargo management systems.
- Recognise the different cargo operations systems provided on oil, chemical and gas tankers.

Indicative Structure:

GENERAL ADMINISTRATION OF CARGO OPERATIONS

- Pre-Arrival at the Loading/Discharging Port
- After Arrival Alongside at the Loading/Discharging Port
- Before Departure from the Load/Discharge Port
- The Role of the Cargo Surveyor

THE CARGO TANK AND CARGO MONITORING SYSTEMS

- Oil and Chemical Tanker Systems
- LPG and LNG Tanker Systems

OIL AND CHEMICAL TANKER CARGOES

- The Crude Oil Tanker
- Dirty and Clean Petroleum Products Tankers
- Crude Oil Versus Product Carriers and "Parcel" Segregation

OIL TANKER CARGO OPERATIONS AND TANK CLEANING

- Loading the Oil Tanker
- Discharging the Oil Tanker
- Cleaning the Oil Tanker
- Volatile Organic Compounds (VOC)

CHEMICAL TANKER CARGO OPERATIONS AND TANK CLEANING

- Loading the Chemical Tanker
- Loading Edible Vegetable Oils and Fats
- During the Voyage.
- Discharging the Chemical Tanker
- Tank cleaning the Chemical Tanker
- Disposal of Slop Residues
- Keeping Records

LPG TANKER CARGO OPERATIONS

- Loading the LPG Tanker
- The LPG Loaded Voyage
- Discharging the LPG Tanker
- Changing Cargo or Preparation for Drydock and Repairs
- Cargo Measurements and Calculation

LNG TANKER CARGO OPERATIONS

- The LNG Loaded Voyage
- LNG Cargo Measurements and Calculation

SHIP TO SHIP TRANSFER OPERATIONS

- Introduction to STS Operations
- Planning the STS Operation
- Services and Equipment for the STS Operation
- Manoeuvring and Docking
- Cargo Transfer
- FPSO and Shuttle Tanker Operations

TERMINAL OPERATIONS

Module 8

This module examines areas including the ship/shore interface, effective mooring, documentation and checklists and the Marine Terminal Information System (MTIS).

Learning Outcomes:

- Recognise the types of tank storage arrangements used in tanker terminals for different products.
- Explain how the interface between the tanker and the terminal is managed with particular regard to safety and pollution prevention.
- Identify the equipment used for the transfer of liquid cargoes between the tanker and the terminal.
- Describe and evaluate the systems introduced by the industry in recent years to improve the management standards of tanker terminals.

Indicative Structure:

TERMINAL MANAGEMENT SYSTEMS AND MANNING

- Documentation and Checklists
- Manning

THE SHIP/SHORE INTERFACE

- Communications
- Mooring
- Safe Access Between Ship and Shore
- Precautions During Cargo Transfer: Oil / Chemical
- Precautions During Cargo Transfer: LPG / LNG
- Bunkering Operations
- Safety Management
- Pollution Management and the MARPOL Convention
- Ship / Shore Security and the ISPS Code

SHORE STORAGE

- LNG Storage Tanks
- LPG Storage Tanks
- Oil and Chemical Storage Tanks
- Ancillary Equipment
- Firefighting and Fire Prevention

CARGO TRANSFER AND MONITORING EQUIPMENT

- Cargo Transfer Systems
- Monitoring and Control

CARGO HANDLING

- Loading Operations: Oil and Chemical
- Loading Operations: LNG / LPG

VAPOUR HANDLING

- Loading of Very High Vapour Pressure Cargoes
- Vapour Pressure in Oil Cargo Operations
- Vapour Pressure in LNG/LPG Operations
- Loading at Terminals having Vapour Emission control Systems

MARINE TERMINAL INFORMATION SYSTEM (MTIS)

- The Marine Terminal Particulars Questionnaire
- Marine Terminal Operator Competency and Training
- Marine Terminal Management and Self-Assessment

COMMERCIAL MANAGEMENT - CHARTERING

Module 9

This module introduces contract law and how a typical oil trade is performed from initial contact between the seller and buyer of the cargo through to delivering it into the buyer's possession.

Learning Outcomes:

- Contrast the different types of charter parties used in the tanker industry.
- Discuss the legal obligations and responsibilities of each party to a tanker charter.
- Analyse the small print of charter parties in order to evaluate and calculate payments due.
- Evaluate the influence of Contangos on oil prices.

Indicative Structure:

CONTRACT LAW AND THE ROLE OF THE BROKER

- Introduction to Contract Law
- Introduction to Agency Law
- The role of the Shipbroker

TRADING OF GOODS BY SEA

- Shipping Contracts
- Examples of a Typical Oil Trade
- Responsibilities of the Shipowner

TANKER CHARTER PARTIES

- The Essential Difference Between Voyage, Time and Bareboat Charters
- Voyage Charter Parties
- Contracts of Affreightment
- Fixing a Tanker on a Voyage Charter
- Time Charter Parties
- Implied Terms
- Rider Clauses

ASBATANKVOY CHARTER PARTY FORM

- Asbatankvoy and the Five Implied Terms
- Asbatankvoy Part I
- Asbatankvoy Part II
- AsbaChemVoy Charter Party

GASVOY2005 VOYAGE CHARTER PARTY FORM

- Difference Between Oil and Gas Charters
- Gasvoy2005 and the Five Implied Terms
- Gasvoy2005 Part I
- Gasvoy 2005 Part II
- AsbaGasVoy 2020

FREIGHT AND DEADFREIGHT

- Worldscales
- Other Forms of Freight Terms
- Timecharter Equivalent Rate

LAYTIME AND DEMURRAGE

- Definitions
- How Laytime is determined

SHELLTIME 4 AND BARECON 2017 CHARTER PARTIES

- Introduction to Shelltime4
- Key parts of Shelltime4
- BARECON 2017 Charter Party

OFF-HIRE AND SPEED/CONSUMPTION CLAIMS

- Off-Hire Claims
- Speed and Consumption Claims

CONTANGOS

- What is Contango?
- Super Contango

COMMERCIAL MANAGEMENT - OPERATIONS

Module 10

The final module is second part of commercial management and looks at the operations department which provides the vital link between the master, other ship management departments and the charterers.

Learning Outcomes:

- Discuss the relationship between the managers responsible for fixing a charter and those responsible for managing the voyage of the tanker.
- Explain how the master is supported in the commercial management of his vessel.
- Discuss the management of the voyage to achieve optimum efficiency and minimum costs.
- Identify the insurance protection available in the commercial management of the tanker.

Indicative Structure:

POST-FIXTURE CHARTERING

- The Role of the Operations Manager
- Bunker Management
- Appointment of Agents
- Working with the Ship Management Departments
- Dealing with the Oil Majors

AN INTEGRATED TANKER MANAGEMENT SYSTEM MODEL - PART 2

VOYAGE CHARTERING

- Bills of Lading
- Documents and Record Keeping
- Communications
- The Role of the Master
- The Role of the Agent
- The Role of the Owner's Agent
- The Role of the Broker

LAYTIME AND DEMURRAGE

- Starting Laytime
- Being an "Arrived Ship"
- "Vessel to be Ready" 27
- Notice of Readiness (NOR)
- Expiry of Agreed Preparation or Notice Time
- Exceptions and Interruptions to Laytime
- Exceptions and Interruptions to Demurrage

TIME CHARTERING

- Dealing with Off-Hire Claims
- Off-Hire
- Net Loss of Time Off-Hire
- Speed and Consumption
- The Role of the Master
- The Role of the Broker
- The Role of the Owner's Agent
- Weather Routing

INSURANCE

- Freight, Demurrage and Defence (FD&D)
- Charterers Protection and Indemnity (P&I)

VETTING A TANKER IN PRACTICE

Case Study

The final case study will develop practical appreciation of an oil tanker is vetted in a real-life situation. A scenario from a real vetting situation will provide the student with an insight into the role of the authorities, the legal and commercial implications of a failed vetting inspection and the demands of the various stakeholders.

Learning Outcomes:

- Integrate learning from across the course to a topical case study situation.
- Identify issues, discuss the stakeholders, consider solutions and make recommendations.
- Produce a detailed and well-structured written report.

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DIPLOMA IN TANKER MANAGEMENT

COMPANIES THAT HAVE BENEFITED

ABX Logistics Portugal LDA	Freire shipyard	Pyrros Shipping Company Ltd
Acergy France	Gladstone Ports Corporation Limited	RasGas Company Ltd
Adema Energy	Grupo TMM	RollDock Shipping B.V.
Aksia LLC	Gulf Energy Maritime PJSC	Rudyantho and Partners
APL	H.W. Wood International Ltd	Sadoship
Ariel Reinsurance Company	Hellenic Navy	Saint Lucia Air and Sea Ports Authority
Aries Energy Corporation Group of Companies	Heller Redo Barroso & Associates	Schwenkz and Partner
Asia Minerals Limited	Hiratsuka & Co.	Sea Freight Agencies & Stevedoring Ltd.
Atlantic Wind Group	Hunt, Deltel & Co Ltd	Seaspan Ship Management
Break Bulk International	Hunter Marine Surveyors	Senda (Singapore) Pte Ltd
Beirut Academy for Travel Sciences	Jaccar Equity Research	Shell Marine Products
Belize Sugar Industries Limited	JCB Ltd	Shell Petroleum Dev. Company
California Steel Industries Inc	Kuwait Petroleum Corp.	SMIT Salvage BV
Caribbean Cement Company Ltd	Laytons	South American Atlantic Service
Caspian Offshore Construction LLP	London Business School	Standard Chartered Bank Nigeria Limited
Caterpillar Marine Asia Pacific Pte Ltd	Maersk Line	Stronachs LLP
Chevron Global Ga	Marfin Egnatia Bank	Suncor Energy Services Inc.
Coastal Transportation, Inc.	Marine Technical Experts	Tamarco
Credit Suisse	Maritime Propulsion Technologies Ltd	Tchibo Logistik
Deloitte	Mediterranean Shipping Company	Thenamaris Ship Management Inc
Department of Marine Services & Merchant Shipping	Medstar Ship Management Ltd	Tioxide Europe Limited
Department of National Defence	Metropolitan State College of Denver	Total Oil Asia-Pacific Pte Ltd
Doraleh Container Terminal	MGV Transport Ltd	UK Hydrographic Office
DP World	Namport	US Coast Guard
Dragabras-DEME Dredging Works	Navytrans S.A.	Vale S/A
DVB Transport (US) LLC	Norton Lilly Barbados Ltd.	Varun Shipping Company Limited
Elcano	NZ Customs Service	Velogic Ltd
Elite Paloume Khonaini Co Ltd	O.T. Tonnevold	Vestfold University College
European Maritime Safety Agency	Oldendorff Carriers GmbH & Co. KG	Watson Farley & Williams LLP
ESSO Co-ordination Centre	Orient Ship Agency	Wilson Sons Agencia Maritima Ltda
F H Bertling Pte Ltd	Orinoco Iron, S.C.S.	World Maritime University
Fayette International Ltd.	Pil Nigeria Limited	Worldwide Energy Logistics Ltd
Fideos	Pole Star Space Applications	ZIM Integrated Shipping Services Ltd
Flott & Co. PC	Ports Regulator of South Africa	Zodiac Maritime Agencies Ltd
	Protection Vessels International Ltd	



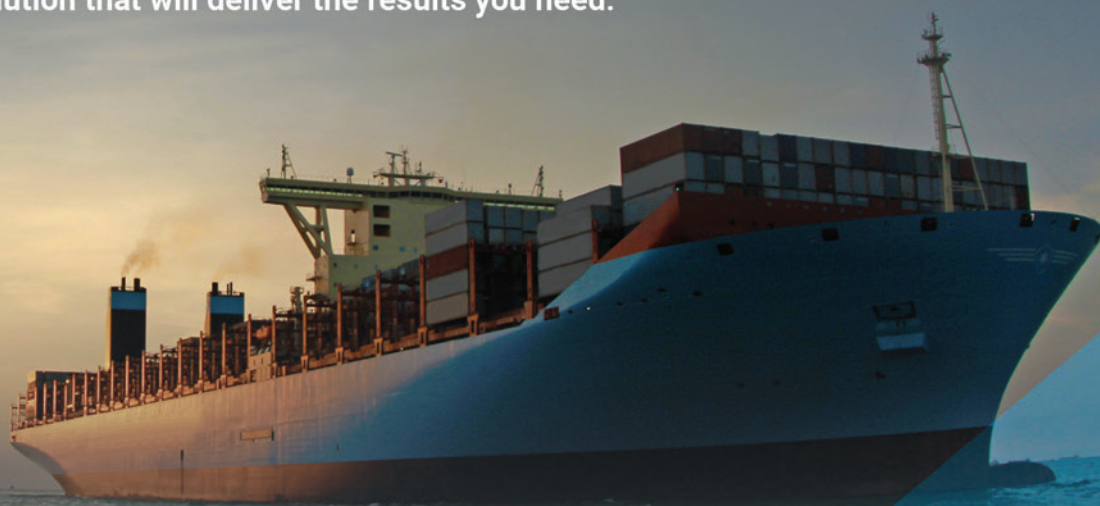
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DIPLOMA IN TANKER MANAGEMENT

WHO WE ARE



**LLOYD'S
MARITIME
ACADEMY**

ABOUT LLOYD'S MARITIME ACADEMY

Lloyd's Maritime Academy was born from Lloyd's List.

Lloyd's Maritime Academy is the trusted brand for professional development, working with leading academic and industry bodies to provide accredited education and training where it is much needed.

We are stepping up investment in new learning management platforms, improved content and learner resources to enhance your experience and ensure maximum reward for the investment you make in your future.

We continue to research new topics to provide you with the qualifications needed for a successful career; supporting a safer, cleaner and more efficient shipping industry for decades to come.

We look forward to welcoming you onto one of our programmes.

WHY TAKE A LLOYD'S MARITIME ACADEMY COURSE?

- **Accessible** – 24/7 availability from wherever you have an internet connection
- **Flexible** – take control of where, when, how and the rate at which you study
- **Professional** – industry leading course directors and tutors
- **Quality** – study the same course used by corporations for internal training
- **Network** – with tutors and like-minded professionals from around the world. Use our online tutorial forum to ask questions and share knowledge
- **Save money** – no additional travel or accommodation costs



ASSESSED AND AWARDED BY NORTH KENT COLLEGE

North Kent College is a major UK college based on the River Thames providing further and higher education in the south east of England. The College caters for more than 4,500 students across two main campuses, with a wide variety of academic and vocational courses, as well as professional education and training via short courses, part-time study or distance learning. Full-time and part-time higher education programmes and foundation degrees are delivered via a partnership with the University of Greenwich.

The National Maritime Training Centre at North Kent College is widely recognised within the maritime industry for providing sector-specific training within high quality industry-standard facilities.

The College is committed to helping students to achieve their ambition – whether they wish to gain their first job, achieve high-level professional qualifications, change career or prepare for their next promotion. The College takes pride in working in partnership with industry to provide the correct mix of knowledge and practical skills that are required to sustain the workforce.

North Kent College is a partner of Lloyd's Maritime Academy in delivering this course and manages assessment, quality assurance and the award of the professional development Diploma.

www.northkent.ac.uk/nmtc

Assessed and
Awarded by

NKC
NORTH KENT
COLLEGE



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If you have any questions about the course or applying, please contact us on:

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