



**LLOYD'S
MARITIME
ACADEMY**

MSC MARINE OPERATIONS MANAGEMENT

Develop management, research
knowledge and advanced technical
skills to boost your professional
standing and further your career

In partnership with



**Middlesex
University
London**

MSC MARINE OPERATIONS MANAGEMENT

ABOUT THIS COURSE

The MSc Marine Operations (Continuation) is exclusively for graduates of any of the following Lloyd's Maritime Academy and North Kent College Diplomas: Marine Surveying; Ship Superintendency; Small Craft Surveying; Marine Accident Investigation; Marine Engineering or Surveying of Offshore Floating Units to continue their study to postgraduate level.

Graduates enter with advanced standing from their Diploma course and complete the academic requirement for the MSc Marine Operations by studying with Middlesex University. Students choose whether to follow the MSc Marine Operations pathway or to tailor the applied project to their specific Diploma award to achieve an MSc Marine Operations (Marine Surveying), MSc Marine Operations (Ship Superintendency), MSc Marine Operations (Small Craft Surveying), MSc Marine Operations (Marine Accident Investigation), MSc Marine Operations (Marine Engineering) or MSc Marine Operations (Surveying of Offshore Floating Units).

The course continues the part-time distance learning approach of the prerequisite Diploma with all learning materials provided online, but this time studying at postgraduate level. The course has been carefully designed with the busy marine professional in mind, enabling you to apply your existing specialist knowledge to the ever changing global industry and develop your ability to manage strategically.

This course includes essential management content, building upon your existing technical knowledge and practical competence. This delivers knowledge and tools to help progress your career to the next level. The programme consists of three compulsory core modules followed by an applied research project. The three modules cover technical elements and higher level management and strategic thinking, while the project allows you to apply these new skills in a research context to a particular issue or area of interest to you.

As you know, distance education provides a flexible approach to your studies, allowing you to develop your knowledge and professional practice at a time and place that is convenient to you. Hosted on the Middlesex University virtual learning environment, you access the programme study materials as well as engage in the group forum fortutorial discussions and networking with your fellow students.

Course highlights:

- Delivered by experts in the field – Course Director: **Paul Russell, MSc, BA (Hons), MIMarEST Marine Engineer and Education Specialist**
- Duration: **20 months**
- Delivery: **Online**
- Award: **MSc**

Ideal for:

Ideal for students that want to:

- Continue their Diploma to a full UK academic MSc
- Progress their existing shipping knowledge and practical expertise
- Advance their research and writing skills in the maritime sector
- Enhance their management and leadership knowledge
- Boost their career prospects

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OUTCOMES

This MSc Marine Operations (Continuation) is designed to be accessible for the busy working professional. However, it is important to note that the work involved in gaining a masters qualification is not to be underestimated.

This award will recognise you as having a heightened expertise in your professional field and in order for you to progress your career with the post nominal MSc after your name you must have been able to demonstrate the following:

- Independent study with directed reading and minimal guidance
- Ability to analyse and critically appraise
- Research the latest technologies available in the ship design industry
- Reflect upon your own practice

Whilst the emphasis is on independent study, support is available to you every step of the way.

Discussion forums, module tutors, syndicate groups and dedicated project supervisors provide guidance and advice whilst the online interaction creates networking opportunities with your fellow peers.

WHAT YOU WILL LEARN

The programme aims to:

- develop candidates' understanding, at an advanced level, of professional concepts and techniques in marine operations fields;
- develop candidates' decision-making abilities
- enhance and develop technical skills and knowledge as relevant to the particular marine role of the individual
- enable candidates to lead innovation in marine organisations' operations and outputs;
- enable candidates to manage change and deploy resources in efficient and effective ways;
- enable candidates to use their professional skills and knowledge to support the development of the organisational capability of marine operations organisations

WHY NOT STUDY WITH A COLLEAGUE?

GROUP BOOKINGS MAY QUALIFY FOR A DISCOUNTED ENROLMENT FEE.

[CLICK HERE](#) TO FIND OUT MORE.

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COURSE LEADERS



Paul Russell MSc, BA (Hons), MIMarEST Marine Engineer and Education Specialist

Paul leads the MSc Marine Operations at Middlesex University. He completed a traditional engineering cadetship with Cunard Shipping Services and, during his sea going career as an engineer, he served on all types of ships from passenger ships to super tankers. His sea service included medium speed engines powering small tankers, through to slow speed engines driving bulk carriers and to steam plant providing the power for container ships. Paul moved into education and worked with the National Sea Training Trust to introduce marine engineering education and training

into the college at Gravesend and also completed a Masters Degree in Educational Management at the University of Greenwich. In 1996 Paul was appointed as Head of the National Sea Training Centre at North Kent College, where he also undertook the role of Course Director for the Diploma in Marine Surveying delivered in a partnership with Lloyd's Maritime Academy. In 2010 Paul started a maritime consultancy business dedicated to the professional development of seafarers.

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 20 months long. Please go online to see the next available start date.

What are the entry requirements?

Those wishing to undertake the MSc in Marine Operations (Continuation) must have already studied one of the following with Lloyd's Maritime Academy and North Kent College:

- Diploma in Marine Surveying
- Diploma in Ship Superintendency
- Diploma in Small Craft Surveying
- Diploma in Marine Accident Investigation
- Diploma in Marine Engineering
- Diploma in Surveying of Offshore Floating Units

For additional entry requirements, please visit the course website.

How is the course assessed?

You will be assessed by various coursework components across all modules in a variety of formats. These could include short answer questions, case study reports, written reports, essays and online activities and contributions.

How much does it cost?

Please go online to www.lloydsmaritimeacademy.com/msc and see the Fees page for full details. An interest-free instalment plan is available. Please contact us for more details.



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SYLLABUS

MANAGEMENT SKILLS FOR MARINE OPERATIONS

Module 1

Within the industry, you will face a range of challenges that go beyond professional technical expertise, including the ability to work with people (including clients, partners, principals and co-workers) and the understanding of how their different roles impact strategic imperatives, especially market standing and profitability.

Upon successful completion of the module, students will be able to:

- Critically analyse key elements of the processes of managing operations, resources and relationships as appropriate
- Make effective use of key management theories and concepts as applied in complex marine environments
- Evaluate and apply contemporary developments in theory and practice in the industry
- Make effective use of tools and techniques in managing inter-personal relationships
- Design and implement plans for the effective deployment of human and physical resources in a range of projects as appropriate
- Contribute effectively to firm wide strategic plans and policy

SHIP DESIGN & SYSTEMS

Module 2

The challenges facing the modern maritime industry revolve around advancements in material science set against an industry context where environmental protection is increasingly a key operational consideration. Globalisation means that standards, regulations and compliance are set at globally agreed minimum standards, and the on-board management team are also tackling technical, cultural, and human elements as well as operations issues.

Upon successful completion of the module, students will be able to:

- Critically evaluate the impact of existing and new technology on the safe and efficient operation of a marine vessel/structure over its life cycle in the context of marine operational management
- Analyse the extent and range of the cultural awareness required and the impact on marine operations (or marine accidents) now and in the near future
- Make effective judgement about how increasing efficiency will impact upon the environmental footprint of the maritime industry
- Extend student's own technological capability by evaluating how naval architecture, vessel construction and marine engineering systems come together in the efficient design of a vessel/structure
- Evaluate and develop the effectiveness of a range of skills relative to operating a marine vessel/structure or investigating a marine accident
- Critically judge the extent of the remedial action required for a given failure/accident
- Analyse the most appropriate use of a variety of communication techniques used when reporting to principals or stakeholders

OPTIMISING BUSINESS PERFORMANCE

Module 3

This module will build students' knowledge and skills in projects mastery, research and development (R&D) and innovation within the context of shipping logistics, to improve supply chain function. The objective is to provide awareness, knowledge, skills and insight into the organisation's need for constant attention to technical, cultural, social and environmental change in the global shipping and logistics sectors.

Upon successful completion of the module, students will be able to:

- Explain the role of shipping in the modern global supply chain
- Understand the role of R&D in a range of shipping and logistics scenarios, and select R&D projects that reflect innovation and the management of change in a global service industry
- Apply key logistics concepts within the context of maritime trade
- Develop new lean supply chains, and analyse and effectively challenge the barriers to change in mature supply chains
- Systematically target and manage the logistics project to deliver innovation within the global industry

The module will call for the successful student to demonstrate an advanced capability in the following areas:

- Implementing R&D initiatives within the context of technical, cultural, social and environmental change within the global shipping and logistics sectors
- Sustaining independent learning at Master's level, including innovatory insight and project mastery related to shipping and logistics
- Conducting independent learning from personal feedback in supplying innovatory solutions for the management of change in a mature service industry
- Critically evaluate the relevance of information drawn from a full range of sources, including academic journals and practitioner literature, demonstrating the ability to derive intellectual and professional benefits
- Delivering skills in leadership, team work, problem solving and project management within shipping and logistics
- Appraising and improving the performance of shipping in the global supply chain

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SYLLABUS

APPLIED PROJECT

Module 4

The Applied Project can provide extensive benefits to both you and your organisation. You will have the opportunity to develop further and integrate your skills and knowledge gained on the programme by undertaking a major, extended piece of research on an aspect of marine operations of your choice.

Upon successful completion of the module, students will be able to:

- Demonstrate a systematic understanding informed by current research and relevant professional practice of topics pertaining to marine operations
- Evaluate the respective strengths and weaknesses of alternative research methods, and procedures and techniques that have been employed by previous researchers
- Demonstrate how original research relates to an existing body of knowledge and scholarship on a topic
- Illustrate and critically evaluate the various purposes for different kinds of context in which research is undertaken
- Apply critical research skills and conduct research into a substantive marine operations issue or problem
- Critically analyse and synthesise the research literature in the chosen field
- Develop an appropriate research design, select appropriate research methods and operationalise associated concepts
- Synthesise theoretical material and ideas from different sources and embed that material in an argument which is an original application of knowledge to a specific issue
- Undertake systematic collection, analysis, interpretation and extrapolation of quantitative and/or qualitative data in a marine operations context
- Evaluate options for management action related to findings from the relevant field of research
- Communicate the aims, methods, findings and implications of a specific piece of advanced research in an academically/professionally appropriate written style

IN-COMPANY TRAINING

Distance learning, face-to-face workshops, webinars and blended delivery.

Cut costs while improving performance

Ensuring a good return on your training investment is critical for all our clients and, whether delivered by distance learning or instructor led workshops, Lloyd's Maritime Academy delivers the best training, at a competitive price and from a reliable partner.

Lloyd's Maritime Academy delivers all three and you can save up to 40% on your local, regional and global training investment.

Many organisations have realised that Lloyd's Maritime Academy's programmes offer so much more than conventional training courses – whether it's for graduate intakes, needs-led coaching, supervisor and management training or boot camps.



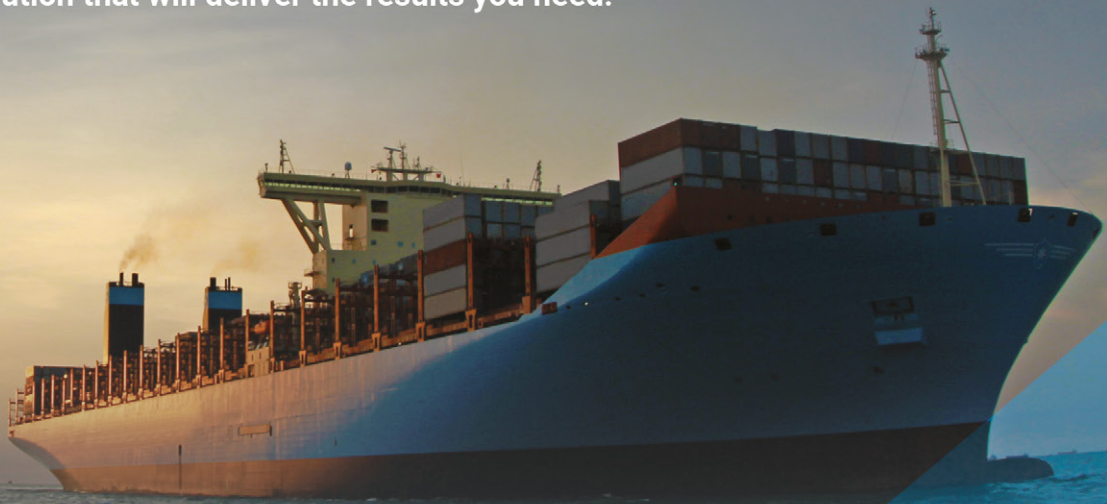
LLOYD'S MARITIME ACADEMY

IN-COMPANY TRAINING SOLUTIONS

WE PROVIDE THE SKILLS AND KNOWLEDGE TO EDUCATE
TEAMS AND ENHANCE PERFORMANCE IN YOUR COMPANY

Development for the Shipping, Logistics, Ports & Terminals and Offshore Oil
& Gas Sectors - from our experts to wherever you are in the world.

Whatever your plans or challenges, talk to us and we'll develop a
customised solution that will deliver the results you need.



Clients include

Fleet Management Limited
A Caravel Group Company



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ADMINISTRATION AND SAFETY
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TOGETHER IS BETTER!

- ✔ Learn with your colleagues or team members to build on your knowledge together
- ✔ Investing in training for your employees is a proven way to increase retention
- ✔ Save money when booking a group of 3 people or more to any of our Certificate or Diploma courses

**Get in touch today to find out more about
our bespoke group discounts!**

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WHO WE ARE



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



In partnership with
**Middlesex
University
London**

Middlesex University is a large London based university with a history in higher education dating from 1878. In 1992 we were granted the Royal Charter allowing us to use the title university. We offer a broad range of courses, delivered by our three academic faculties of Arts and Creative Industries, Professional and Social Sciences and Science and Technology, structured to closely align teaching and learning with industry.

We have over 40,000 students studying on Middlesex courses worldwide, both at our own campuses and also with partner institutions, making us one of the largest providers of British university education to international students.

Alumni - A network to support your future development As a graduate of the MBA Shipping & Logistics you will gain lifelong membership of the Middlesex University Alumni Association, a fast growing organisation of former students from all over the world. The Alumni Association allows you to easily maintain close contact with the University and each other. Membership is also your gateway to a range of benefits we have negotiated for you. The University is proud of, and grateful to, all its alumni, who are living proof of an outstanding, modern university. For other courses at Middlesex University, including the full-time MBA, visit: www.mdx.ac.uk





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**CLICK
HERE TO
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NOW**

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

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