

Programme Specification for MSc Marine Operations



1. Programme title	Master of Science Marine Operations Management
2. Awarding institution	Middlesex University
3. Teaching institution	Middlesex University
4. Details of accreditation by professional/statutory/regulatory body	
5. Final qualification	MSc Marine Operations Management (Top Up) MSc Marine Operations Management (Marine Surveying)(Top Up) MSc Marine Operations Management (Ship Superintendency)(Top Up) MSc Marine Operations Management (Small Craft Surveying)(Top up) MSc Marine Operations Management (Marine Accident Investigation) (Top up) MSc Marine Operations Management (Marine Engineering)(Top up) MSc Marine Operations Management (Surveying of Offshore Floating Units)(Top up) <i>Individuals who do not successfully complete the MSc may be eligible for an untitled PG Cert.</i>
6. Year of validation Year of amendment	
7. Language of study	English
8. Mode of study	Part-time distance learning

9. Criteria for admission to the programme

Applicants must be graduates from one of the following Diplomas , provided by Lloyd's Maritime Academy: Marine Surveying, Small Craft Surveying, Ship Superintendency, Marine Engineering, Marine Accident Investigation, Surveying of Offshore Floating Units

In addition they must have at least three years' professional experience at the appropriate level in an occupation closely related to Marine Operations. In cases of doubt the Programme Leader will determine the degree of relevance.

9.1 Duration of the Programme

The programme will normally run for twenty months part-time. The maximum period an individual may be registered will be four years.

10. Aims of the programme

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

11. Programme outcomes

A. Knowledge and understanding

On completion of this programme the successful student will have knowledge and understanding of :

1. core concepts and theories of management practice as relevant to marine operations
2. the essential content of managerial work and its application to marine operations
3. the theory and practice of advanced decision-making techniques in management contexts;
4. advanced concepts, emerging issues, and tools and techniques in marine operations
5. methods and techniques deployed in management research and scholarship.

Teaching/learning methods

Students gain knowledge and understanding in the specified areas through a combination of guided reading of textbooks, journals, course notes, exercises and on-line lectures

Assessment Method

Students' knowledge and understanding is assessed by a combination of: individual and group coursework, on-line objective tests, and the dissertation.

B. Cognitive (thinking) skills

On completion of this programme the successful student will be able to:

1. demonstrate advanced levels of critical and reflective thinking applied to management and related topics;
2. critically evaluate aspects of professional marine operational practices in relation to management theories and concepts;
3. synthesise information from multiple sources and provide argued support for interpretations and evaluations made on the basis of such information;
4. apply suitable conceptual and analytical frameworks drawn from ship design and operational knowledge to inform effective marine operations management practice.

Teaching/learning methods

Students learn the cognitive skills through individual and group exercises and cases, and online discussions. Practical guidance is given on all course-related tasks, and feedback is provided on all assessed coursework

Assessment Method

Students' cognitive skills are assessed through coursework, presentations and the dissertation

C. Practical skills

On completion of the programme the successful student will be able to:

1. demonstrate their development of advanced skills in marine operations practice;
2. deploy a range of relevant communication techniques in a professional manner;
3. demonstrate their capability for self-directed and self-managed learning dealing with professionally-based tasks and problems;
4. apply a variety of specialised decision-making and problem-solving techniques used in marine operations contexts;
5. demonstrate research skills appropriate to postgraduate-level study and presentation.

Teaching/learning methods

Students learn practical skills through individual and group case study analysis and problem solving.

Assessment Method

Students' practical skills are assessed by: group and individual exercises and coursework, tests and the project

<p>D. Graduate skills On completion of the programme the successful student will be able to:</p> <ol style="list-style-type: none"> 1. deploy a range of analytical skills as applied to marine operations 2. evaluate complex material and use it in the pursuit of both analysis and argument as appropriate to marine operations 3. exercise critical judgment in the development of hypotheses and in analysing arguments 4. apply key management concepts to marine operation contexts 5. demonstrate self-direction and originality in tackling problems and communicate solutions and conclusions to a critical audience. 	<p>Teaching/learning methods Students acquire graduate skills through on-line exercises, discussions and when preparing oral or written materials. Students are required to manage their own time in order to prepare for class and submit coursework by specified deadlines.</p> <p>Assessment: Students are assessed formatively through feedback on oral communication in class and workshop discussions and summative through the coursework assignments, the research proposal and dissertation.</p>												
<p>12. Programme structure (levels, modules, credits and progression requirements)</p>													
<p>12.1 Overall structure of the programme</p>													
<table> <tr> <td>Module 1</td> <td>MGT 4626 Management Skills for Marine Operations</td> <td>20 Credits</td> </tr> <tr> <td>Module 2</td> <td>MGT 4628 Ship Design and Systems</td> <td>20 Credits</td> </tr> <tr> <td>Module 3</td> <td>MGT 4835 Optimising Business Performance</td> <td>20 Credits</td> </tr> <tr> <td>Module 4</td> <td>MGT 4624 Applied Project</td> <td>60 Credits</td> </tr> </table>		Module 1	MGT 4626 Management Skills for Marine Operations	20 Credits	Module 2	MGT 4628 Ship Design and Systems	20 Credits	Module 3	MGT 4835 Optimising Business Performance	20 Credits	Module 4	MGT 4624 Applied Project	60 Credits
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<p>12.2 Levels and modules</p>													
<p>Level 7</p> <p>Students must take all of the following: MGT4624 MGT4626 MGT4628 MGT4835</p>													
<p>12.3 Non-compensatable modules (note statement in 12.2 regarding FHEQ levels)</p>													
<p>Module level</p> <p>N/A</p>	<p>Module code</p>												
<p>13. A curriculum map relating learning outcomes to modules</p> <p>See Curriculum Map attached.</p>													
<p>14. Information about assessment regulations</p> <p>University and School Assessment Regulations apply to this programme.</p>													
<p>15. Placement opportunities, requirements and support (if applicable)</p> <p>Placement is not offered on this programme. Students are in employment and complete work related learning assessments within the programme.</p>													

16. Future careers (if applicable)	
This programme has been designed for individuals already operating as professionals working in marine operational disciplines (such as marine surveying, marine engineering) to develop and enhance their skills and career progression opportunities. The University provides a Career Service who will be available to support students on this programme. Graduates from this programme will be able to progress onto the DProf/DBA.	
17. Particular support for learning (if applicable)	
Induction programme Full Programme and Module Handbooks (available online) Module information and learning/support material on online learning resource (My Learning) Library and learning centre resources, with extensive online facilities Designated weekly online contact hours for guidance plus other one-to-one electronic contact at appropriate points with teaching staff.	
18. JACS code (or other relevant coding system)	N200 (75%) J600 (25%)
19. Relevant QAA subject benchmark group(s)	Masters Awards in Business and Management (Masters Awards in Engineering)
20. Reference points	
QAA Masters Awards in Business & Management QAA Qualifications Framework AMBA Criteria for Pre-experience Masters in General Management The Learning Framework: Programme design Guidance (2006) University Regulations	
21. Other information	
N/A	

Please note programme specifications provide a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve if s/he takes full advantage of the learning opportunities that are provided. More detailed information about the programme can be found in the student programme handbook and the University Regulations.

Curriculum Map

This section shows the highest level at which programme outcomes are to be achieved by all graduates, and maps programme learning outcomes against the modules in which they are assessed.

Module Title	Module Code by Level	A1	A2	A3	A4	A5	B1	B2	B3	B4	C1	C2	C3	C4	C5	D1	D2	D3	D4	D5
		Management Skills for Marine Operations	MGT4626	X	X				X					X				X		
Ship Design and Systems	MGT4628				X					X							X			
Optimising Business Performance	MGT4835			X				X			X			X			X			
Applied Project	MGT4624	X				X			X				X		X			X		X