

**COURSE DETAILS - (MD1EC139)**

Course title	SQA Advanced Diploma in Nautical Science / SQA Exam Route UK <b>Chief Mate Unlimited</b> II/2 Certificate of Competency (CoC)
Accredited by	This is an Scottish Qualifications Authority (SQA) qualification
Award to be received	SQA Level 5 Advanced Diploma in Nautical Science
Regulated by	Quality Assurance Agency for Higher Education (QAA)
Duration of Course	The maximum course duration is 5 years. We would expect a diligent student to complete the academic work in around 24-36 months; however this is dependent on each individual's circumstances.
Location of Study	SQA Advanced Diploma in Nautical Science will be delivered using a blend of learning styles with online formative and summative assignments. Summative assessments will be conducted at Fleetwood Nautical College.

**COURSE UNITS DETAILS:**

SQA Advanced Diploma in Nautical Science accredited by the SQA incorporates the following units.

UNIT CODE	UNIT TITLE
HW74 48	Marine Passage Planning
HW75 48	Management of Bridge Operations
HW76 48	Applied Marine Meteorology
HW77 48	Ship Stability: Theory and Practical Application
HW7A 48	Marine Vessels: Structures and Maintenance
HW7C 48 & HP6L 47	Management of Vessel Operations including Information Technology: Applications Software 1
HW78 48	Shipmaster's Law and Business
HW79 48	Shipboard Management
HW7E 48	Nautical Science Graded Unit 2
HW7F 48	Nautical Science Graded Unit 3
HW7J 48	Marine Engineering Systems

**The award of SQA Advanced Diploma in Nautical Science is at SQCF level 8 (FHEQ Level 5) and incorporates 240 SQCF credits (30 SQA Credits). This incorporates the 112 SQCF credits (14 SQA Credits), already, obtained as part of the HNC / SQA Advanced Certificate in Nautical Science programme.**

**EXAMINATIONS (Methods of Assessment)**

<b>UNIT / MODULE</b>	<b>METHODS/TIME OF ASSESSMENT</b>
HW74 48 Marine Passage Planning	1 x 2-hour exam 1 Assignment
HW75 48 Management Of Bridge Operations	1 x PPT 1 x Assignment
HW76 48 Applied Marine Meteorology	1 x PPT 1 x Assignment
HW 77 48 Ship Stability: Theory and Practical Application	1 x 3-hour exam
HW7A 48 Marine Vessels: Structures and Maintenance	1 x Assignment
HR1X 35 Management of Vessel Operations	1 x Assignment
HP6L 47 Information Technology: Application Software 1	Combined with Management of Vessel Operations
HW78 48 Shipmasters Law and Business	1 x Assignment
HW79 48 Shipboard Management	1x Assignment
HW7E 48 Nautical Science Graded Unit 2	1 x 3-hour exam
HW7F 48 Nautical Science Graded Unit 3	1 x 3-hour examination
HW7J 48 Marine Engineering Systems	1 x Assignment
<b>Total: 4 Exams &amp; 8 Assignments &amp; 2PPT (for AdD)</b>	

**PROGRAMME AIMS**

SQA Advanced Diploma in Nautical Science aims to provide students with the fundamental knowledge and key study skills required to allow further study at Higher Education Level. Students will achieve good understanding of Marine Navigation, Ship Stability, Shipboard Operations, Shipmasters Business and Shipboard Management and solve problems from a management perspective.

**Successful completion of this programme will enable you to:**

1. Apply core concepts and principles of navigation, ship stability and management of bridge and vessel operations demonstrating judgement in the application of tools and techniques.
2. Critically evaluate the global context of maritime operations incorporating cultural, legal, ethical and environmental factors.
3. Plan, implement and appraise shipboard operations with due regard to industry legislation, regulatory frameworks and standards.
4. Analyse complex problems in order to identify appropriate methods to formulate mathematical models and solutions.
5. Develop and evaluate logical arguments, justifications and conclusions associated with complex issues identifying underlying assumptions and critical factors.
6. Critically analyse and evaluate processes, procedures, and practices of effective shipboard management.
7. Reflect on the appropriateness of different approaches to solving problems.
8. Appraise and interpret complex emergency scenarios in simulated environments and apply self-management, leadership, and supervision skills.
9. Communicate in a variety of forms to a range of audiences.
10. Prepare and interpret complex loading, discharging and stress data by utilising IT systems and specialist industry software.
11. Research and embed information from a variety of traditional and digital sources to support personal and professional development, lifelong learning, and achievement.

### ENTRY REQUIREMENTS / ELIGIBILITY

Admission criteria for direct Blended Learning AdD NS is an MCA approved unlimited Officer of the Watch (OOW) Certificate of Competency, Minimum 12 months' watch keeping service while holding an OOW unlimited, II/1 or a Certificate of Competency issued by an administration acceptable to UK MCA for Certificate of Equivalent Competency, or a HNC / SQA Advanced Certificate in Nautical Science 120 Credits

However, students with less than 12 months watchkeeping service whilst holding an OOW Unlimited can also enrol onto this programme at the discretion of Fleetwood Nautical Campus and accrue seagoing service whilst learning.

Please refer to MSN 1856 (1)

<https://www.gov.uk/government/publications/msn-1856-mf-amendment-1-uk-requirements-for-master-and-deck-officers>

### ENGLISH LANGUAGE REQUIREMENTS

IELTs is not a requirement for this course

### BREAKDOWN OF FEES IN (£):

The following fees relate to courses, which commence from 1<sup>st</sup> August 2024 to 31<sup>st</sup> July 2025.

Bookings made for courses that start after this date will be subject to a price increase.

<b>SQA Advanced Diploma in Nautical Science 24/25 Costs</b>	<b>(£)</b>
Awarding Body Registration Fee	£175
Learning Modules and Assessments	£6910*
<b>TOTAL</b>	<b>£7085</b>

You will appreciate that some of the costs (Exam/Registration fees) are set externally and the College has no control over them. Regrettably if they should be increased before starting your course we will pass the increase to you.

### ADDITIONAL COSTS

The cost of visas and travel incurred through taking the summative assessments at College must be met by the student.

You are expected to provide your own day-to-day stationery items, e.g., pens, pencils, notebooks, etc.

Any specialist stationery items will be specified under the Additional Costs tab of the relevant module profile.

Candidates will need calculators as specified by the rubric of individual module and as permitted by the College.

You will require access to a computer or laptop with internet access.

Learning Resources are provided on-site and free for students to use within normal college working hours.

To enhance your professional development and guarantee support in social and labour context it is recommended that you join Nautilus International as a seagoing officer at your own cost.

**STCW SHORT COURSES, EXTERNAL WRITTEN SQA EXAM PREP, ORAL EXAM PREP, AS PER MSN 1856 AMDT 1, ARE AVAILABLE AT FLEETWOOD NAUTICAL CAMPUS, PLEASE NOTE THESE COSTS ARE NOT INCLUDED IN THE RN to MN COURSE FEES.**

Please refer to the Fleetwood Nautical Campus [website](#) for details.

<b>*Learning Units and Assessments – Cost Breakdown</b>		
<b>Advanced Diploma in Nautical Science Units</b>	<b>Unit Code</b>	<b>Cost (£)</b>
<b>SET 1</b>		
Marine Engineering Systems	HW7J 48	£435
Shipboard Management	HW79 48	£435
Shipmaster's Law and Business	HW78 48	£860
<b>SET 2</b>		
Management of Vessel Operations & IT: Applications Software	HW7C 48 & HP6L 47	£1295
Applied Marine Meteorology	HW76 48	£645
<b>SET 3</b>		
Management of Bridge Operations	HW75 48	£645
Marine Passage Planning	HW74 48	£645
Nautical Science Graded Unit 2	HW7E 48	£435
<b>SET 4</b>		
Marine Vessels: Structures and Maintenance	HW7A 48	£435
Ship Stability: Theory & Practical Application	HW77 48	£645
Nautical Science Graded Unit 3	HW7F 48	£435
<b>TOTAL</b>		<b>£6910</b>

#### **PAYMENT OF FEES**

##### **Methods of payment:**

The College does not accept cash for payment of deposits or tuition fees. Traveller's cheques and individual's foreign cheques are also not accepted. Payments may be made by the following methods only;

- Bank transfer (bank details provided on request)
- Invoice (if company sponsored – EU learners & EU companies only and by prior agreement)
- Credit / Debit Card

##### **BLENDED LEARNING STUDENTS**

- All students are to pay for Set One modules, SQA Registration and on-line registration at enrolment (**£1905**)
- All International students wishing to enter the UK must meet the United Kingdom Visas and Immigration (UKVI) criteria. We strongly recommend you check that you meet the criteria before applying to enrol onto the course which requires a minimum of 4 visits to the UK.
- It is extremely important to note that the College will **not** sponsor students for visa purposes. Organisation of obtaining the correct visa remains the sole responsibility for the student and that no fees will be refund for students who enrol onto the course and subsequently cannot enter the UK for any reason.

### STAFF LEVEL

All staff teaching on higher education programmes within the college are approved in respect of the subjects and modules that they deliver. Staff Approval is controlled by the Code of Staffing for HE Staffing Approval procedure and is governed by the following regulations:

- Chapter B3 of the UK Quality Code
- Awarding body partner's guidance.

All HE Staff hold the following to meet Staffing approval:

- Approved in respect of specific modules on named courses
- Formal qualifications at the level above and in the subject areas
- An appropriate teaching qualification (or working towards one)
- Relevant and current industrial experience and/or professional practice.
- Experience of teaching at the level and in the subject area applied for
- Evidence engagement with scholarship, research, consultancy or professional activity appropriate to the level and subject area applied for.
- Evidence of successful, imaginative or innovative teaching development

### PREPARATION (While on the ship, familiarise yourself with):

- ROR, Buoyage systems, MSNs & MGNs, Ship Certificates, HSSC, PSC, SEAs, MLC, LSA & FFA (Particularly Launching and recovery of lifeboats / life rafts, including rescue boats), SMS, Emergency Procedures, CO<sub>2</sub> system, OLB, ORB, Garbage record book, Ballast water management.
- Ship Stability, Cargo handling, loading, discharging, stowage, care & carriage; and ship's planned Maintenance.
- Gain an understanding of the content and accuracy of the details given in Admiralty Nautical Publications, e.g. ATT, ARLS, ALL etc. Reliability of the information used in safe navigation of the vessel is paramount, hence how you use the information given in these publications for the safety of the vessel and life on board.
- MUST Read **Mariner's Hand Book** a few pages EVERYDAY

### TERMS and CONDITIONS

Refer to Enrolment Form