

WELCOME TO THE School of Maritime Operations

FLEETWOOD NAUTICAL CAMPUS

P R O S P E C T U S

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Part 1: Our Customers

Students

Your success and achievement is our business. We concentrate on providing a supportive environment which will promote your learning. Our aim is to generate confidence in your competence and to help you to achieve the qualification in your sights.

Students from all over the world have been welcomed at Fleetwood for many years. Our competitive pricing and congenial environment have appealed to seafarers from many backgrounds. Once students have booked on a programme we will help with visa applications and other documentary procedures.

Weekly tutorials for each group offer the opportunity to discuss academic or problems of a personal matter. A team of professionals in the Student Services Unit is on stand-by to offer help, guidance and counselling whenever it is needed. Subject topic clinics are also included in the timetable schedule and give the opportunity to cover academic ground a second time.

Companies and Training Organisations

We will be delighted to discuss your particular training needs and will always try to run extra courses on demand.

We always endeavour to follow the programmes described in this Prospectus; however, the College reserves the right to cancel, amend or alter the dates and costs of courses and programmes if necessary. If that happens we will give as much advance notice as possible to our customers.

For more information on the programmes at Fleetwood, please come and visit us. In the meantime do not hesitate to call or write to the following address:

The School of Maritime Operations
Fleetwood Nautical Campus
Broadwater
Fleetwood
Lancashire
FY7 8JZ

Tel: 44 (0) 1253 779123
Fax: 44 (0) 1253 773014
email: maritime@blackpool.ac.uk

Part 2: The College

MISSION STATEMENT

*To be Leaders in Personal
Development through Quality
Education and Training*

Introduction

Blackpool and The Fylde College is a large Further Education institution in the North West of England. Spread over four main sites along the Fylde Coast it enrolls over 25,000 students each year (4,500 Full-Time Equivalents). The College offers a comprehensive range of Further and Higher Education Programmes. Please visit our website at <http://www.blackpool.ac.uk>

On the Nautical Campus at Fleetwood, Blackpool and The Fylde College is a major provider of Merchant Navy Deck Training which ranges from Rating to Master.

The School of Maritime Operations is approved by the UK's Maritime and Coastguard Agency (MCA), the Edexcel Foundation (BTEC) and the Scottish Qualification Authority (SQA) to deliver Courses leading to Deck Officer Certificates of Competency and other qualifications in the Merchant Navy.

The programmes include Cadet and Deck Rating Training Programmes to Master Mariner, STCW95 Short Courses, National Vocational Qualifications in Merchant Vessel Operations, an HND in Nautical Science and the first year of a BSc (Hons) in Maritime Studies.

The Campus

The Nautical Campus is situated in extensive grounds on the outskirts of Fleetwood. We are well placed for road and rail access. It is easily reached by road (M6, M55, A585), by rail (Blackpool North) and Manchester Airport is 1 1/2 hours away.

The main building houses the classrooms, including the 5-Bridge Full Mission Ship Simulator, Computer Suites, Electronic Labs for GMDSS and Navigational Instruments. We have an up-to-date Learning Resource Centre specialising in Maritime publications. Students use the latest computers for word-processing, other software packages and access to the Internet. CD-ROM is available for study and research.

Our state-of-the-art Environmental Survival Training Tank is also situated on the campus. The Student Common Room, Refectory and Administrative Offices are on the ground floor, while next door are the Halls of Residence.

Off-site we have facilities in Fleetwood at the marine lake for Boatwork & Seamanship, and survival exercises using a Training Platform on the River Wyre.

The Fire Fighting Training takes place at our purpose-built Fire Ground located at Burn Naze/Thornton.

The College Radar Station overlooks the shipping channels into Fleetwood and Heysham. The Radar Station is where most of the Navigation and Radar (Operational) course is held. It is fitted with the latest GPS Satnav receivers as well as other electronic radio navigational aids and radars.

In this age of inner city congestion our spacious campus and plentiful parking are tangible benefits. For those who wish to live off the campus there is plenty of local accommodation to rent at realistic prices.

The main campus of Blackpool and The Fylde College is at Bispham, which is approximately three miles from the Fleetwood campus.

Full Mission Ship Simulator

The College has a Full Mission Simulator comprising of five bridges, and is one of the most modern in the world.

The database consists of approximately forty geographical areas accurately modelled and approximately 30 ship models that have been hydrodynamically modelled and verified as being accurate.

A range of courses are run at regular intervals, these being the NARAS(O), NARAS(M), Bridge Team Management, ECDIS, and ship handling courses.

In addition to the regular courses the Simulator is suitable for use in Bridge Resource Management Training, Pilot Training, Research and Development Projects and Accident Investigation.

The flexibility of the Simulator configuration ensures that specialist projects or courses can be designed quickly and economically to the exact requirements of the client. New areas and models may be built to the client specifications at competitive prices.

The College will be pleased to assist in the design of courses and programmes tailor-made to individual organisations.

Survival Training

The Nautical Campus is also home to the Fleetwood Offshore Survival Centre, (FOSC). FOSC is one of the leading centres of Offshore Survival Training in the United Kingdom. It provides training for both the offshore oil and gas industries and Merchant Navy personnel. Courses offered include Survival, Fast Rescue Craft (Coxn and Boatman) and Firefighting Training approved by the MCA, the Offshore Petroleum Industry Training Organisation and the Norwegian equivalent, the Oljeindustriens Lansforening (OLF).

The Maritime Operations Section utilises these courses where appropriate. The Offshore Centre, through our in-house Fleetwood Testing Laboratory (FTL), also provides a testing service for Personal Protection and Survival Equipment approved by UKAS, MCA, Civil Aviation Authority and the Ministry of Defence. FTL is a Notified Body and tests to European Test Centre (CEN) standards.

Please call Fleetwood Testing Laboratory on 01253 779123 for further information or email jbo@blackpool.ac.uk

Accommodation

We have a 100-bed Hall of Residence on Campus. This offers basic student bedsit accommodation at very reasonable rates. Please phone the Campus on +44 (0) 1253 504711 or +44 (0)1253 779123 to enquire further or make bookings. Security at the Halls of Residence can be contacted on (0)1253 873373.

The College also maintains a list of approved hotels and guest houses.

College Staff

The majority of the Lecturers on the Maritime Programmes are qualified as Master Mariner or have appropriate professional qualifications. In addition, Lecturers hold qualifications such as Degrees, Management Qualifications and Teaching Certificates. Lecturing staff hold, or are working towards Assessor Awards.

The Administrative, Domestic and other Support Staff are keen to provide you with a service which will ensure a smooth and efficient stay at College.

The College is keen to promote Staff Development and we encourage in-house and

external training. Staff Appraisal is used to identify target areas for development.

The Offshore unit is accredited to ISO 9000. Maritime Operations is accredited to ISO 9001:2000. The college achieved accreditation as an Investor in People in 1998.

Maritime and Coastguard Agency

The information accompanying this Prospectus deals with the requirements of the programmes in detail, dates and costs of the courses are also attached for your perusal. Prospective students should read the relevant sections closely.

We must stress that if you are in any doubt as to your eligibility to study for a Certificate you must check with the Maritime and Coastguard Agency (MCA) in Southampton. This is a statutory matter and only the MCA can help with your enquiries. The college is unable to comment on matters of eligibility. Overseas students: please make sure of your eligibility before travelling to the United Kingdom.

The address of the Maritime and Coastguard Agency is:

MCA
Spring Place
105 Commercial Road
Southampton
SO15 1EG

Tel: 023 803 29100
Fax: 023 803 29252

Part 3: STCW95

STCW95

As you are aware, the implementation of the revised International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW95) is now in force.

This has made administrations and training institutions throughout the world examine the way in which they deliver their maritime programmes and, in some cases, make changes to come in line with the STCW95 requirements.

STCW95 places much more emphasis on individuals being able to carry out the job as well as being tested academically. Although the UK had started to develop National Vocational Qualifications (NVQs) (see Part 4) in Marine Vessel Operations before STCW95, the comparison between the two is very close which is the reason the MCA have decided that, in future, Certificates of Competency in the Merchant Navy will be linked to the NVQ system.

Under the STCW95 Regulations the former Certificate names of Class 1, 2, 3, 4 and 5 are replaced by Master, Chief Mate and Officer of the Watch.

Background

For many years in the United Kingdom, under STCW78, we have delivered the academic knowledge required for Master and Chief Mate at the same time - the Combined 2/1 (Deck) Course. Successful completion of this course resulted in the award of a Class 2 Certificate of Competency. The principle behind this was that the Chief Mate should have the same academic knowledge as the Master (so that he/she could take over in the event of an emergency). Candidates for Class 1 needed to get more seetime and pass an additional MCA Orals examination. It is therefore reassuring to know that STCW95 adopts this same principle. That is, all candidates for Chief Mate will have to complete the academic knowledge needed for a Master's Certificate. In STCW95 the requirements for this are listed under Table All/2.

As mentioned above, the United Kingdom has introduced a scheme of training for UK-based Cadets and Officers based on Vocational Qualifications (VQs). They depend on the candidate acquiring Performance Evidence

(following tasks and gathering the evidence in a portfolio) and Underpinning Knowledge (the academic part usually delivered in College). Seafarers following the VQ route (on a recognised course of training) will not need as much seetime as in the past to meet the requirements of STCW95.

There is, of course, a Non-VQ route to certification which runs alongside the VQ Route. Please refer to Part 7 if you wish to follow the Non-VQ Route.

The MCA have published a comprehensive series of MGNs concerned with Training and Certification.

As well as the consecutive MGN Number (which may change over time), each MGN is also given a Part Number which will be kept the same in future editions.

The Parts are as follows:

Part Number	MGN Content
1	General requirements for certification and medical fitness
2	Certificates of competence - deck department
3	Certificates of competence - engine department
4	Certificates of competence - radio personnel
5	Special training requirements for personnel on certain types of ships
6	Emergency, occupational safety, medical care and survival functions
7	Alternative certification - dual certification
8	Education and Training schemes
9	Procedure for the issue and revalidation of certificates of competence, marine engine operator licences and tanker endorsements
10	Ratings
11	Conduct of MCA Oral examinations
12	Safety training for concessionaires working on passenger ships
13	Use of fishing vessel certificates of competency in standby, seismic survey and oceanographic research vessels - revised arrangements
14	STCW95 application to certificates of service
15	Certification of inshore tug personnel
16	Certification of inshore craft personnel (other than tugs)

Table 1

Part 4: National Vocational Qualifications

National Vocational Qualifications (NVQs)

What is a Vocational Qualification?

Vocational Qualifications are common throughout British Industry. In Scotland they are called Scottish Vocational Qualifications (SVQs) while in the rest of the UK they are known as National Vocational Qualifications (NVQs).

NVQs were introduced by the MCA as a route to UK Merchant Navy Officer certification in 1995 (please see Merchant Shipping Notice M1634), and have become a major part of

marine training provision. Deck NVQs are entitled Marine Vessel Support/Operations (MVS) or (MVO), whilst marine engineering NVQs are called Marine Vessel Engineering (MVE). NVQs may be divided into five LEVELS with Level 1 being the most basic and Level 5 the highest. Each increase in Level brings a greater degree of academic knowledge and responsibility required of the candidate. (See Table 2).

In September 1995, Blackpool and The Fylde College piloted the introduction of National Vocational Qualifications in the UK Merchant Navy and this system is now well-embedded. Numerous groups of Cadet Officers have now qualified as STCW95 Officers of the Watch through this system.

NVQ Level	Descriptor
1	competence in the performance of a range of work activities, most of which may be routine and predictable
2	competence in a significant range of varied work activities performed in a variety of contexts. Some of the activities are complex or non-routine. Some individual responsibility and autonomy. Collaboration with others may be required (eg as part of a team)
3	competence in a broad range of varied work activities; considerable responsibility and autonomy. Control and guidance of others
4	competence in a broad range of complex, technical and professional work activities. Substantial degree of personal responsibility and autonomy. Responsibility for the work and allocation of resources
5	application of a significant range of fundamental principles and complex techniques across a wide variety of contexts. Substantial personal autonomy. Accountability for analysis and diagnosis, design, planning, execution and evaluation

Table 2: NVQ Level Descriptors

How do Marine VQs tie-in with Merchant Navy Deck Officer Certification?

Deck NVQs are linked to Merchant Navy Deck Certificates of Competency as shown in Table 3 and comply with the requirements of the new STCW95 Convention.

NVQ (MVO Level)	MN (Deck) Comparison
1	Not available
2	Rating (EDH, PSC&RB)
3	Officer in charge of a Navigational Watch (unlimited)
4	Chief Mate (unlimited) and Master
5	This is a higher qualification and may be sought, for instance, by Senior Officers, Company Superintendents, Port Captains, Surveyors and College Lecturers. It is still under development

Table 3: NVQ/MN (Deck) Comparison

Notes on Table 3:

- The MN Certificate titles are the new ones used in STCW95.
- The Table above shows the links between NVQs and unlimited Certificates of Competency. These certificates may qualify you to serve in a higher capacity on ships of limited tonnage and/or operating area.
- The Maritime and Coastguard Agency (MCA) have published a diagram in Training and Certification Guidance Part 2 which shows the complete structure.

You are strongly recommended to obtain a full copy of Part 2 (and amendment) and read the contents thoroughly. If you are aboard ship, the Master will be able to let you see a copy of the MGN. If ashore and employed, your Company may be able to help, or you could visit a Marine Office. The MCA website www.mcga.gov.uk may contain the information you require. Alternatively you can write for a copy (there may be a charge) to the:

MCA
Spring Place
105 Commercial Road
Southampton
SO15 1EG

Tel: 023 803 29100
Fax: 023 803 29252

How are VQs made up?

VQs are made up of two components:

- the academic knowledge required to do a job - this is known as the **Underpinning Knowledge** or **UPK**
- and
- evidence that you can actually and competently do the job to which the VQ relates. You have to produce **Performance Evidence (PE)** to satisfy this requirement.

These two components will be assessed and, provided you meet all the requirements, you will be awarded your VQ. Thus:

$$UPK + PE = VQ$$

VQs are achieved by gaining credit for a certain number of specified UNITS which together make up the qualification. These Units have been written by the industry in conjunction with and approved by the MCA. They lay down the standard of performance you have to reach.

Following their introduction in 1995, the VQs were rigorously overhauled in 1999/2000 and many changes and improvements made to the system.

One significant advance has been identification and development of common VQ Units that can be achieved by personnel in the Merchant Navy, the Fishing Industry and the Towing Sector. This is designed to facilitate transfer of personnel between the sectors.

Pathways

Each qualification has a series of PATHWAYS. Each Pathway is linked to a specific sector and you will decide which one to follow depending on your employment.

The level 2 Marine Vessel Support qualification has 4 pathways

The level 3 Marine Vessel Operations has 6 pathways

The level 3 Marine Engineering Operations has 5 pathways

The level 4 Marine Vessel Operations has 5 Pathways

The level 4 Marine Engineering Operations has 3 pathways

Level 5 Marine Vessel Management and Marine

Engineering Management have been identified as being required but are not within the current project.

An example of Pathways

Pathways	Marine Vessel Operations	
	Pathway A	Officer of the watch MN
Pathway B	Officer of the watch	under 500 GT Near coastal
Pathway C	Mate Fishing	unlimited
Pathway D	Skipper Fishing	Inshore
Pathway E	Bridge watchkeeper	Tugs Inshore
Pathway F	Bridge watchkeeper	Tugs Near Coastal

Table 4

Level 3 Qualification

Having decided which of the Pathways is applicable, you then refer to a matrix of individual NVQ Units which indicates which ones you have to follow. Some of the Units will be common across more than one Pathway to allow sector-transferability.

Please refer to Table 5 and Table 5a as applicable. There is an equivalent Table for each qualification.

Level 3 Qualification

Pathways	Marine Vessel Operations		No of units
Pathway A	Officer of the watch MN	(unlimited)	9
Pathway B	Officer of the watch	(under 500 GT Near coastal)	8
Pathway C	Mate Fishing	(unlimited)	8
Pathway D	Skipper Fishing	(Inshore)	9
Pathway E	Bridge watchkeeper	(Tugs Inshore)	8
Pathway F	Bridge watchkeeper	(Tugs Near Coastal)	9

Pathway Units	A	B	C	D	E	F
101 Communicate using equipment and visual means (SRC)				X		
102 Communicate using equipment and visual means (LRC)			X			
103 Communicate using equipment and visual means (ROC)		X			X	X
104 Communicate using equipment and visual means (GOC)	X					
122 Respond to emergencies on board ship	X		X	X	X	X
123 Control overall response to emergencies in a small vessel		X				
125 Take charge of survival craft and rescue boats	X	X			X	X
142 Maintain a legal and safe working environment on board ship	X	X	X	X	X	X
144 Create, maintain and enhance productive working relationships on board ship	X		X			
202 Control the mooring, anchoring and security of the vessel	X	X				X
204 Maintain a navigational watch during an inshore area passage				X	X	
205 Maintain a navigational watch on a small vessel in the near coastal area		X				X
207 Maintain a navigational watch in the unlimited area	X		X			
211 Prepare and plan the passage for an inshore area				X		
221 Manoeuvre a small vessel in the near coastal area				X	X	X
231 Initiate response to navigation emergencies in a small vessel in the near coastal area		X			X	X
232 Initiate response to navigation emergencies in all vessels	X		X			
307 Operate small vessel propulsion machinery auxiliary engines and services			A	X		
401 Operate fishing equipment				X		
406 Manage and control fishing operations			X	X		
407 Select and rig fishing gear			X			
412 Monitor and control vessel operations	X	X				
422 Control operations on board the tug					X	X
Additional units						
313 Operate and maintain vessel pumping systems	314 Operate small vessel electrical equipment					
402 Handle and stow the catch	403 Construct and repair fishing gear					
408 Implement and maintain quality assurance for fishing operations						
512 Monitor and control oil tanker cargo operations	515 Monitor and control small domestic ro-ro operations					

Table 5

Level 4 Qualification

Pathways	Marine Vessel Operations	No of units
Pathway A	Chief Mate MN (unlimited)	13
Pathway B	Skipper Fishing (limited)	13
Pathway C	Skipper Fishing (unlimited)	12
Pathway D	Tug Master (inshore)	9
Pathway E	Tug Master (near coastal)	10

Pathway Units	A	B	C	D	E
102 Communicate using equipment and visual means (LRC)		X	X		
103 Communicate using equipment and visual means (ROC)				X	
104 Communicate using equipment and visual means (GOC)					X
111 Ensure the seaworthiness of a small vessel in the near coastal area		X		X	X
113 Ensure the seaworthiness of a vessel in the unlimited area	X		X		
123 Control overall response to emergencies in a small vessel		X		X	X
124 Control the overall response to emergencies	X		X		
126 Provide medical services	X		X		
132 Maintain the vessel's hull, fittings and equipment	X				
143 Ensure a legal and a safe working environment on board ship	X	X	X	X	X
202 Control the mooring, anchoring and security of the vessel					X
205 Maintain a navigational watch on a small vessel in the near coastal area		X			
211 Prepare and plan the voyage for an inshore area				X	
212 Plan and execute the voyage for a near coastal area		X			X
213 Plan and conduct navigation for an ocean going voyage	X		X		
214 Control navigation and ship handling in all conditions	X		X		
221 Manoeuvre a small vessel in the near coastal area		X		X	X
233 Direct the response to navigation emergencies	X	X	X	X	X
1 unit from 404 or 405		X	X		
406 Manage and control fishing operations		X	X		
407 Select and rig fishing gear		X			
408 Implement and maintain quality assurance for fishing operations		X	X		
413 Plan and direct vessel operations	X				
423 Direct tug operations				X	X
MCI C4 Create effective working relationships	X	X	X	X	X
MCI A1 Maintain activities to meet requirements	X				
MCI B1 Support the efficient use of resources	X				
MCI C1 Manage yourself	X				
Optional units within all pathways - Unit requirement see above					
404 Determine opportunities for catching fish					
405 Determine opportunities for catching shellfish					
Additional Units					
127 Direct overall response to emergencies					
145 Ensure compliance with commercial obligations					
307 Operate small vessel propulsion machinery, auxiliary engines and services					
502 Carry out fishery liaison duties on board ship					
513 Plan and direct oil tanker cargo operations					
514 Control dynamical positioning of a shuttle tanker					
A1 Assessor Award					

Table 5a

The college is pleased to offer guidance to seafarers in deciding which NVQ is appropriate

How do I get a Marine VQ?

The College offers two main routes towards a Vocational Qualification described below:

Route A - Training Programmes

This is designed for Cadets, Officers and other trainees who intend following the pre-planned Training Programme lasting several years and described in Part 5.

The college provides most of the UPK while the sea phases are used to generate the PE. Assessment is carried out mainly at College.

Route B - Flexible Route to VQs

It is widely recognised and appreciated that Path A is not going to be suitable or indeed possible for many who are at sea. You may wish to obtain a higher Certificate of Competency, or add to an existing STCW78 Certificate to obtain a specific STCW95 Certificate.

It is for this reason that Blackpool and The Fylde College, in partnership with MARITAS, have developed a Flexible Vocational Qualification Route to Deck Officer Certification based on assessment at a location in the UK to suit you, combined with alternative ways to achieve the Underpinning Knowledge.

On this scheme, due credit will be given for your past experience and your academic achievements to date. This is known as Accreditation of Prior Learning (APL).

The following parts describe Routes A and B.



Part 5: Route A. Cadet and Officer NVQ College-based Training Programme:

Deck Cadet and Officer NVQ Training Programme: College-based

We were involved in the initial pilot programme and offer these qualifications as an integral part of our Deck Training Programme. Cadet Officers will achieve NVQ Level 2 Marine Vessel Support and 3 in Marine Vessel Operations and Part 1 of the HND in Nautical Science as part of the programme.

Deck Ratings follow an NVQ Level 2. They may go on to Level 3 (OOW) if the Company wishes to consider this and provided the candidate displays the necessary aptitude.

Progress to NVQ Level 4 is offered either seamlessly after completion of Level 3 or alternatively after a seetime phase to consolidate. Officers wishing to study the Underpinning Knowledge of NVQ Level 4, which equates to Part 2 of the HND, may start the 26 week course each term (January, after Easter and September). At the end of this College period (which may be split into two 13 weeks blocks separated by sea-time) Officers return to sea with a Portfolio and commence gathering evidence towards their Level 4 Assessment.

When this is complete the Officers return to College for a 8 week Phase during which time they will have their Level 4 Assessed and also prepare for the Chief Mate Orals Exam. After more seetime (as holder of a Chief Mate's Certificate, Officers may return for another short College Phase to prepare for Master's Orals). See next section

NVQs require a student to build a portfolio of evidence which can be assessed against specific performance criteria laid down by the Merchant Navy Training Board. These assessments must be conducted by qualified assessors.

The flexibility of the NVQ approach means that candidates may elect to study the academic components by whichever mixture of routes is convenient. To facilitate this flexibility Blackpool and The Fylde College has invested considerably in the development and implementation of a Flexible Learning Programme (FLP). The Flexible VQ Route to

Certification is described fully in Part 6.

Holders of existing Certificates of Competency may switch to an NVQ Programme if they so wish.

The Deck Cadet and Officer Training Programme is approved by the UK Merchant Navy Training Board and is intended for those following the NVQ Route to Certification. It is available to Home and Overseas Companies and we would be delighted to discuss enrolling your cadets on the scheme.

Notes:

1. The College provides Monitor and Review (M&R) sessions at College during the Sea Phases. At pre-arranged times, Cadets and Officers may attend to have a private tutorial with a member of staff to discuss progress to date and other matters of concern. There is an additional cost for this optional service.
2. The College welcomes Cadets and Officers when on leave to use our Learning Resource Centre for self-directed learning.
3. All Cadets are uniformed during College Phases and, unless companies specifically request otherwise, are expected to live in the College Hall of Residence.
4. When Cadets reach the end of their training companies may elect to enrol them straight onto the NVQ 4 Course starting the next term or, alternatively, postpone NVQ 4 to allow a period of consolidation back at sea as Officer of the Watch.
5. The Simulator training for NaRAS (M) must be undertaken after the qualifying sea service for a second Certificate of Competency has been completed.

Sea-time Requirements for Cadets and Officers on the VQ Route to Certification

This advice is taken from the relevant MGNs. **You are strongly advised to contact the MCA direct if you are concerned about your seetime or eligibility to hold a Certificate of Competence. This is a statutory matter and the College is unable to make judgements concerning individual cases.**

Officer in Charge of a Navigational Watch

- 12 months sea service (including 6 months watchkeeping duties) while following an approved onboard training programme

leading to the VQ. Sea service prior to the VQ Programme may not be counted.

Chief Mate

- 12 months sea service whilst holding an unlimited watchkeeping certificate. This applies after the UPK for level 4 has been delivered. VQ Sea service prior to registration may not be counted.

Master - unlimited trading area and ship size

- 36 months as OOW which must include 12 months with a Chief Mate's Certificate
- or 12 months as Chief Mate (on ships > 500 gt) + 12 months as OOW.

Note: there are different seetime requirements for Officers and Masters on ships less than 3000gt in unlimited trading areas and ships less than 500 gt in Near Coastal trading areas. Please refer to the table in Training and Certification Guidance Part 2.

Important: Please remember this Programme is for the VQ Route to Certification. There will still be a non-VQ Route to Certification and this is described in Part 7.



Phase	Location	Duration	Content (HND Units)
1	College	6/8 weeks	Pre-sea STCW L2 UPK PSC & RB UPK EDH UPK
2	At sea		L2 portfolio
3	College	13 weeks	L2 assessment Academic ramp L3 UPK/HND Part I Chartwork: Unit 2 Tides and Sailings: Unit 3 Ship Construction: Unit 9
4	At sea		L3 portfolio
5	College	24 weeks	L3 UPK/HND Part I Celestial Navigation: Unit 1 Meteorology: Unit 4 Bridge Watchkeeping: Unit 5 Emergency Response: Unit 6 Cargo Work: Unit 7 Ship Stability: Unit 8 Marine Law and Management: Unit 10 GMDSS MFA NaRAST (O) AFF
6	At sea		L3 portfolio
7	College	4 weeks	L3 assessment OOW Orals preparation
		22 weeks	L4 UPK/HND Part 2 Passage Planning: Unit 21 Bridge Management: Unit 22 Meteorology 2: Unit 23 Ship Stability 2: Unit 24 Structures and Maintenance: Unit 25 Cargo & Port Operations: Unit 26 Business: Unit 27 Management: Unit 28 (9 credits)
8	At sea		L4 Portfolio
9	College	12 weeks	L4 assessment Chief Mates Orals Preparation Marine Engineering: Unit 29 Emergency Planning: Unit 32 NaRAST (M) Medicare
10	At sea		
11	College	4-6 weeks	Masters Orals Preparation

Table 6: Cadet and Officer Training Programme

Part 6: Route B. The Flexible Route to Vocational Qualification

A more flexible way of obtaining the UPK (underpinning knowledge) required for a vocational qualification, leading to deck officer certification, for experienced seafarers who are capable of learning on their own.

How does the Flexible Learning Programme work?

Once you have decided to use the 'flexible' route, you should contact the Flexible Learning Programme (FLP) Administrator for an 'Application to Enrol' form.

As part of the enrolment process, which includes College and Edexcel registration, you will be given an Initial Appraisal by an experienced Assessor from MARITAS (Maritime Training & Assessment Services) and this will take place at a mutually convenient time and place (on the UK mainland).

The purpose of the Initial Appraisal is to discover how much learning has actually taken place from past experience, course work and previous employment and this will take between three and six hours. The information gained in this appraisal will help to construct your 'Action Plan' towards final certification.

The 'Action Plan' will indicate to the program manager which modules of learning you will need, (see tables 7a and 7b) and the areas of assessment that you will have to undertake to prove competence in those areas.

On completion of the enrolment process, you will be provided with a portfolio to complete, which involves collecting evidence of learning in the actual workplace and is also supplied with the necessary modules and guidance for completing the 'underpinning knowledge'.

A mentorship service is offered throughout your course of learning and you are encouraged to make regular contact with your mentor so that progress can be tracked effectively.

Contact may be made by arranged college visits, by e-mail, and/or by telephone.

Once you have achieved competence in all areas, a Final Assessment will be arranged by MARITAS where your record of achievement is checked before being sent to the college to be signed and stamped as meeting all the

requirements for the issue of a VQ certificate.

A letter confirming that you have successfully completed the underpinning knowledge for certification is lodged with the appropriate department of the MCA (Maritime & Coastguard Agency) towards the issue of a Certificate of Competency as per STCW95 regulations.

In order to obtain a Certificate of Competency as per STCW95 regulations, as well as the relevant VQ achievement mentioned above, you will also need the required sea time, short course certificates and to pass the appropriate oral examination set by the MCA.

All students are reminded to refer to the current MGN's concerning medical health requirements for certification.

The Flexible Learning Programme, offered at the time of going to print, is for VQ3 and VQ4 only.

If you are interested in the 'Flexible Route to Certification', please contact:

Flexible Learning Programme
Fleetwood Nautical Campus
Broadwater
Fleetwood
FY7 8JZ

Tel: 01253 779123 / 504746

Fax: 01253 773014

email maritime@blackpool.ac.uk

Subject	Module No.	Module Title
Navigation	NV1 NV2 NV3	<ul style="list-style-type: none"> • The Sailings • Nautical Almanac, Time and Azimuths • Sextant Altitudes and Position Fixing
Coastal Navigation	CH1 CH2 CH3	<ul style="list-style-type: none"> • Introduction to Chartwork • Chartwork • Chart Corrections and Voyage Planning
Tides	TI1	<ul style="list-style-type: none"> • Tides
Ship Stability	ST1 ST2 ST3	<ul style="list-style-type: none"> • Principles of Hydrostatics and Load Line Calculations • Transverse Statical Stability • Introduction to longitudinal Stability
Ship Construction	SC1 SC2 SC3	<ul style="list-style-type: none"> • Ship's Structures • Ship Types • Ship Stresses
Cargo Work	CW1 CW2 CW3	<ul style="list-style-type: none"> • Dry Cargoes • Liquid Cargoes • IMDG and Pollution
Marine Law and Management	ML1 ML2 ML3	<ul style="list-style-type: none"> • Maritime Civil Law • Maritime Commercial Law • Personnel Management
Meteorology	ME1 ME2 ME3	<ul style="list-style-type: none"> • Atmospheric Pressure and Humidity • Pressure Systems, Winds and Currents • Instruments, Observing, Weather Systems & Coding
Emergency Response and Communications	ER1 ER2	<ul style="list-style-type: none"> • Contingency Plans • Signals (optional)
Bridge Watchkeeping	BW1 BW2 BW3	<ul style="list-style-type: none"> • Watchkeeping and Manoeuvring • Magnetic and Gyro Compass and Steering Systems • Regulations (optional)

Table-7a. Modules of learning for the UPK at FVQ level 3

Each module contains self-assessment tests & tutor marked tests. On completion of each set of tutor marked tests, the student will be given a final assignment to confirm that all the learning from each module has been achieved.

Subject	Module No.	Module Title
Passage Planning	PPL1 PPL2 PPL3	<ul style="list-style-type: none"> Principles of Passage Planning Great Circles and Tides Command Decisions
Bridge Management	BRM1 BRM2 BRM3	<ul style="list-style-type: none"> Watchkeeping Arrangements Manoeuvring and Handling Compasses
Meteorology	MET1 MET2 MET3	<ul style="list-style-type: none"> Features of Surface and Upper Air Charts Meteorological and Climatological Data Oceanographic Data
Ship Stability	SST1 SST2 SST3	<ul style="list-style-type: none"> Stability and Trim Stability at Moderate and Large Angles of Heel Stress diagrams and Stress Calculating Equipment
Structures & Maintenance	STM1 STM2 STM3	<ul style="list-style-type: none"> Structural Requirements Maintenance Surveys
Cargo and Port Operations	CPO1 CPO2 CPO3	<ul style="list-style-type: none"> Dry Cargoes Oil, Liquid and Gas Cargoes Passenger Operations
Ship Master's Business	BUS1 BUS2 BUS3	<ul style="list-style-type: none"> Agreements and Conventions UK and International law Commercial law
Shipboard Management	MAN1 MAN2 MAN3	<ul style="list-style-type: none"> Personnel Management Management Theory Employment Law, Quality Assurance & Safety Management
Emergency Planning	EMPI EMP2 EMP3	<ul style="list-style-type: none"> Emergency and Damage Control Plans Implementing Emergency and Damage Control Procedures Search and Rescue
Marine Engineering Systems	ENG1 ENG2 ENG3	<ul style="list-style-type: none"> Marine Power Plants Auxiliary Machinery Control Systems

Table-7b. Modules of learning for the UPK at FVQ level 4

Each module contains self-assessment tests & tutor marked tests. On completion of each set of tutor marked tests, the student will be given a final assignment to confirm that all the learning from each module has been achieved.

Part 7: Cadet and Officer Non-VQ Training Programme:

STCW95 Officer in Charge of a Navigational Watch (OOW)

For students following the non-VQ route to certification as OOW we offer a 33 week programme.

Each Module will be offered every term. Modules 1 and 2 should be studied in that order but may be separated by a sea phase or leave break if desired. Module 3 may be split into shorter parts if that is more convenient.

Module 1 (11 weeks)

Edexcel studies leading to part of the Units which make up Part 1 of the HND in Nautical Science. These are assessed internally within the college.

Module 2 (11 weeks)

The balance of Units needed to complete Part 1 of the HND in Nautical Science together with the preparation required to sit the external SQA Examinations.

Module 3 (11 weeks)

- Personal Survival Techniques
- Fire Prevention and Training
- Advanced Fire Fighting Training
- Elementary First Aid
- Personal Safety and Social Responsibilities
- Navigation, Radar and ARPA Simulator (NaRAS) (O) training (Operational Level)
- Proficiency in Survival Craft and Rescue Boats
- Medical First Aid
- Efficient Deck Hand

If you have done these courses (or equivalent) in another country you should bring evidence with you. The candidate must contact the MCA Southampton direct to ascertain if they are acceptable to them and meet their requirements.

STCW95 Chief Mate All/2

The programme lasts 36 weeks and has several components:

Edexcel, SQA, Orals/Signals, Navigation and

Radar Simulator (NaRAS) (M) Training and Medical Care Training. All academic subjects are continuously assessed in College within the Edexcel programme while some are examined externally by SQA.

The Seamanship Orals are examined by the MCA and Signals are examined in College. NaRAS(M) and Medical Care Training are offered as an integral part of the Programme. Holders of UK recognised Class 3 and 4 Certificates or STCW95 OOW Certificate are eligible for this Programme.

Tanker Officers who need the Tanker Safety Course (Oil) or (Chemical) can complete this at Fleetwood.

Successful completion results in an STCW95 Chief Mate's Certificate of Competency and possibly a full HND in Nautical Science (with regards to the HND, please contact the College for details).

The College offers three start dates - in January, April and September.

STCW95 Master

After a period of qualifying seetime, holders of a Class 2 Certificate of Competency or an STCW95 Chief Mate's Certificate may attend for a four week course leading to the STCW95 Master's Oral Examination. The syllabus includes Maritime Law, Rule of the Road, and Compass work and other required subjects.

Sea-time Requirements for the non-VQ Route to Certification

Seafarers following the non-VQ route to Certification will have to provide evidence of sea-service as in the past. The present requirements are as follows:

Officer in charge of a Navigational Watch (STCW Table II/1)

- 36 months seagoing service in the deck department (48 months if service was in a General Purpose capacity).
- At least 6 months of the last 12 months service at sea must have been spent on navigational watchkeeping duties.
- These duties may include keeping a look-out or acting as helmsman but these tasks should not generally exceed 2 months out of the required 6 months.

Please note, Radio Officers who wish to sit for an Officer of the Watch certificate must comply with the up-to-date requirements as required

by the MCA. [MGN 92 (M) applies at present]
Chief Mate (STCW Table II/2)

- 18 months completed seagoing service whilst holding an STCW95 Watchkeeping Certificate or an STCW78 Class 3 or Class 4 Certificate.

Master (STCW II/2)

- Must hold an STCW95 Chief Mate's Certificate or an STCW78 Class 2 Certificate
- 36 months seagoing service as a watchkeeping officer including 18 months whilst holding a Chief Mates Certificate as above.

Remember the candidate must produce Watchkeeping testimonials regarding Sea time performed.

Please note that the responsibility for determining your seetime - and thus your eligibility - is a statutory matter and rests with the Maritime and Coastguard Agency. Matters concerning your seetime MUST be referred to the MCA in Southampton.

Medical and Sight Tests

Students for Certificates of Competency need Medical and Eye Sight certificates. These are obtainable during your time at College.



Part 8: Combined Certificate of Competence and Level 1 BSc (Hons) in Nautical Science

Validated by and in partnership with Liverpool
John Moores University

VQ Route (Sponsored Students)

This innovative programme leads to both STCW95 Certificates of Competency as Chief Mate and a BSc (Hons) Degree in Nautical Science and is **approved by the Merchant Navy Training Board**.

A-Level (or, equivalent qualification) entry Students will enrol alongside OOW students and follow the same basic course to Officer of the Watch except that they will have an enhanced academic input to reflect the degree status of the course. At the conclusion of Level 1 of the BSc, successful students will also have acquired the underpinning knowledge for STCW95 OOW Certificate of Competence. The academic components of Levels 2 and 3 of the BSc will be delivered at LJMU with VQ Assessment being conducted by Blackpool and The Fylde College.

In order to provide performance evidence (sea time) it is a prerequisite of this course that students are sponsored by a Shipping Company or Training Organisation. (See Tables 8a and 8b).

Aims of the Course

The general aim of the programme is to provide students with a path to a Certificate of Competence as Chief Mate together with an Honours degree in Nautical Science. This programme offers a flexible and innovative route to certification. The curriculum exceeds STCW95 requirements, which reflects the degree status, and is approved by the MNTB as a recognised programme of training.

Objectives of the Course

On completing the course, all students should have:

- acquired a foundation understanding of the structure of, and inter-relationships within, the shipping industry;

- gained a sound understanding of selected sub-disciplines which are important to the marine industry;
- developed cognitive skills and the ability to apply what is learned to unfamiliar situations;
- developed practical skills and familiarity with the use and design of equipment;
- developed the intellectual skills of criticism, independent judgement, enquiry and evaluation;
- developed powers of communication and logical argument, particularly in the form of academic objectivity;
- developed an awareness of the contribution of marine transport to international trade and of the social and economic factors operative in commercial organisations;
- experienced opportunities to relate what has been learned to actual situations;
- obtained the underpinning theoretical knowledge for a MCA Officer of the Watch (OOW), Chief Officer and Master;
- obtained the vocational training and achieve OOW and Chief Mate Certificates of Competence.

Non VQ Route (Non-Sponsored Students)

The year 2002 saw the creation of an alternative pathway that will allow students to complete a BSc Nautical Science with level 1 in one academic year. This change allows for three different options for the student with regard to professional training.

1. Sponsored students will complete their industrial training including short courses and sea-time for OOW and NVQ between teaching periods.
2. Students complete the degree under own finances. They obtain seagoing training after their degree studies.
3. Students complete the degree under their own finances and obtain employment in another sector of the shipping industry, that is they do not complete professional seagoing training but use the degree as a stepping-stone to a shore based career.

This route will allow students to complete a BSc Nautical Science as an academic programme only. Students will achieve the deck officer UPK but will not achieve the certificate of competency unless the extra short courses, NVQ and sea-time are all completed between or after teaching periods. The main timetable difference is that Level 1 will be completed in one year of 3 academic terms at Blackpool and The Fylde College from first enrolment. The academic modules will be the same as studied on the VQ Route. It would still be possible for the students to receive partial financial

assistance from sponsors on this route and obtain sea-time in industry between or after academic teaching periods. Students may transfer between routes at any stage, providing that academic performance and professional requirements are not compromised. (See Table 8c).

Indicative Timetable - please note that students may enrol in September. (Please contact the college direct regarding this).

Phase	Duration	Objectives
Level 1 BSc at BFC	10 months	<ul style="list-style-type: none"> Enrol at Blackpool and The Fylde College and complete Level 1 LJMU Degree in Nautical Science Complete STCW95 Pre-Sea Short Courses: EFA, PSSR, PST, FF
Seatime	16 months	<ul style="list-style-type: none"> NVQ 2 & 3 Portfolio Portfolio examined at intervals by BFC
Short courses BFC	2 months	<ul style="list-style-type: none"> NaRAST(O), PSC&RB GMDSS, AFF, MFA
Level 2 BSc LJMU	15 weeks	<ul style="list-style-type: none"> Level 2 BSc NVQ Level 4 UPK
Seatime	3 months	<ul style="list-style-type: none"> Seatime as OOW
Level 2 BSc LJMU	15 weeks	<ul style="list-style-type: none"> Level 2 BSc NVQ Level 4 UPK
Seatime/Vacation	1 month	<ul style="list-style-type: none"> NVQ 4 Portfolio
Level 3 BSc LJMU	15 weeks	<ul style="list-style-type: none"> Level 3 BSc
Seatime/Project work	3 months	<ul style="list-style-type: none"> NVQ Level 4 Portfolio Honours project preparation
Level 3 BSc LJMU	15 weeks	<ul style="list-style-type: none"> Level 3 BSc Awarded BSc(Hons)
Seatime	8 months	<ul style="list-style-type: none"> Balance of Seetime
LJMU	6 weeks	<ul style="list-style-type: none"> NVQ Level 4 assessment Medical Care Course Chief Mates Orals NaRAST(M)

Table 8a Example programme timescale - VQ Route for a sponsored student

Phase	Duration	Objectives
Level 1 BSc at BFC	10 months	<ul style="list-style-type: none"> Enrol at Blackpool and The Fylde College and complete a Level 1 LJMU Degree in Nautical Science
Seatime	3 months	<ul style="list-style-type: none"> NVQ 2 & 3
Level 2 BSc at LJMU	9 months	<ul style="list-style-type: none"> Complete Level 2 BSc
Seatime	3 months	<ul style="list-style-type: none"> NVQ 2 & 3
Level 3 BSc at LJMU	9 months	<ul style="list-style-type: none"> Complete Level 3 BSc including honours project

Table 8b Example programme timescale - VQ Route (optional) for a sponsored student

Phase	Duration	Objectives
Level 1 BSc at BFC	10 months	<ul style="list-style-type: none"> Enrol at Blackpool and The Fylde College and complete a Level 1 LJMU Degree in Nautical Science
Level 2 BSc at LJMU	9 months	<ul style="list-style-type: none"> Complete Level 2 BSc
Level 3 BSc at LJMU	9 months	<ul style="list-style-type: none"> Complete Level 3 BSc including honours project

Table 8c Alternative Route (the academic only scheme) for a non-sponsored student

Part 9: Royal Yachting Association courses for Boating Leisure and Pleasure

Fleetwood Nautical Campus is approved by the MCA and the Royal Yachting Association (RYA) to run courses which lead to RYA National Certificates.

At the Fleetwood Nautical Campus we offer RYA courses leading to Day Skipper and Yachtmaster Certificates of Competency. We cover the essential shore-based sections of the above certificates during a two hour class on one evening each week, running from September through to the following Easter.

Practical experience and assessment afloat is necessary before a full certificate is awarded by the RYA. In addition, there are a number of specialist short courses - most lasting only one day - which will enhance and supplement the knowledge gained from the main programme.

RYA Day Skipper

This is the right course for beginners and those with little experience. No previous knowledge is assumed. The course covers basic seamanship and safety, plus a comprehensive introduction to chartwork, navigation and meteorology.

RYA Coastal Skipper and Yachtmaster Offshore

This is designed to follow on after the RYA Day Skipper, but if you do not have that certificate you may come straight in at Coastal Skipper if you already have some good basic experience. This is a thorough and detailed course and much more comprehensive than the Day Skipper.

RYA Yachtmaster Ocean

World-wide meteorology, ocean passage planning, astro-navigation and the use of the sextant are included.

GMDSS Short Range Certificate (SRC)

To gain knowledge of and competence in the operation of terrestrial-based GMDSS VHF radio communications systems for those sailors in the 'voluntary fit' sector, Sea Area A1 only.

Radar

This one-day course will enable you to operate radar efficiently and appreciate its limitations.

Sea Survival

Both theoretical work and practical exercises in our purpose built survival pool are included in this one-day course.

Powerboat Certificate - levels 1 & 2

A practical course to enable you to gain the skills necessary to handle fast planing craft as well as displacement boats.

Part 10: STCW95 Short Courses

Short Courses

Blackpool and The Fylde College is accredited by the MCA to issue STCW95 Short Course Certificates.

Please note that these short courses may be subsumed within broader programmes of study (e.g. the VQ programmes) or offered as 'stand-alone' courses.

The Familiarisation and Basic Safety Training Courses in this first section are required to be undertaken by all persons before they go to sea.

Personal Survival Techniques (Basic Sea Survival) [STCW Table A-VI/1-1]

Duration: 1 day

Assessment: Direct observation, oral questioning, simulated scenarios

Objectives: The objective of the course is to give all persons going to sea the essential basic knowledge and experience of personal survival principles and techniques that can be applied to maximise their chances of survival in the event of a marine casualty.

It consists of theoretical classroom work which is then enhanced by exercises in our Environmental Training Tank.

Fire Prevention and Fire Fighting (Basic) (MNTB 3 Day Stage 1 Fire Fighting) [STCW Table A-VI/1]

Duration: 3 days

Assessment: Direct observation, oral questioning

Objectives: To gain the knowledge of how fires are caused and the precautions needed to minimise the risk of fires on board ships.

Elementary First Aid (No STCW78 equivalent) [STCW Table A-VI/1]

Duration: 1 day

Assessment: Direct Observation, oral questioning, simulated scenarios

Objectives: To give you a basic knowledge of the immediate action to be taken upon encountering an accident or other medical emergency aboard ship.

Personal Safety and Social Responsibilities (No STCW78 equivalent) [STCW 95 Table A-VI/1]

Duration: 1 day

Assessment: Direct Observation, oral and written questioning, simulated scenarios.

Objectives: To give all persons intending to go to sea a basic induction in safety procedures and accident prevention: to familiarise them with the employment conditions and working environment on board merchant vessels.

The Courses in this section are required by candidates for STCW95 Officer in charge of a Navigational Watch:

Medical First Aid (First Aid At Sea) [STCW Table A VI/4 (1-3)]

Duration: 3 days

Assessment: Direct observation, oral questioning, written tests, simulated scenarios

Objectives: To give you a knowledge of the general construction and function of various parts of the human body and to be able to apply immediate first aid in the event of accident or illness on board.

Note: to be eligible for this course you must have received approved training in Elementary First Aid and have served for 6 months at sea in a merchant vessel.

Navigation, Radar and ARPA Simulator Training (NaRAS O) - Operational Level (Electronic Navigation Systems Course) [STCW95 Table A-11-I]

- Duration:** 5 weeks
- Assessment:** Direct Observation, oral questioning, written assessments
- Objectives:** To achieve understanding of and be able to use electronic navigation systems including radar and ARPA; to determine the ship's position and to understand the importance of effective bridge teamwork procedures.

Proficiency in Survival Craft and Rescue Boats (other than Fast Rescue Boats) PSC&RB (PSC) [STCW Table A VI/2-1]

- Duration:** 5 days
- Assessment:** Direct observation, oral questioning.
- Objectives:** To gain knowledge of the construction and different types of survival craft, to be able to take charge of a survival craft during launch and recovery, to manage survivors and survival craft, to manage injured persons and administer first aid.

Note: You must have completed approved training in Personal Survival Techniques or Basic Sea Survival within the last five years before commencing training.

There is also a seetime requirement of 6 months before a certificate can be issued unless following a VQ programme.

Advanced Training in Fire-Fighting

- Duration:** 4 days
- Assessment:** Direct observation, oral questioning, simulated scenarios
- Objectives:** To give the skills and knowledge to be able to control fire-fighting operations on board ship; to organise and train fire parties; to inspect and service fire detection and extinguishing systems; to investigate and compile reports on fire incidents.

Global Maritime Distress and Safety System (GMDSS)

This Course is offered at four levels:

General Operator Certificate (GOC)

- Duration:** 10 days
- Assessment:** Practical demonstration of equipment, oral questioning, written tests
- Objectives:** To gain knowledge of and competence in the operational use of satellite and terrestrial-based GMDSS radio communications systems for Officers in charge of a Navigational Watch, in Sea Areas A1, A2, A3 and A4.

Long Range Certificate (LRC)

- Duration:** 5 days
- Assessment:** Practical demonstration of equipment, oral questioning, written tests
- Objectives:** To gain knowledge of and competence in the operational use of terrestrial-based GMDSS MF, VHF and Satellite (optional) radio communications systems for Officers in Charge of a Navigational Watch in Sea Areas A1 and A2 only.

Restricted Operator Certificate (ROC)

- Duration:** 3 days
- Assessment:** Practical demonstration, oral questioning, written tests
- Objectives:** To gain knowledge of and competence in the operational use of terrestrial-based GMDSS VHF radio communications systems for Officers in Charge of a Navigational Watch in Sea Area A1 only.

Short Range Certificate (SRC)

Duration: 2 days

Assessment: Continuous, by direct observation, oral questioning, written tests

Objectives: To gain knowledge of and competence in the operation of terrestrial-based GMDSS VHF radio communications systems for those candidates in the 'voluntary fit' sector, Sea Area A1 only.

This course can also be delivered on customer premises.

The Radio Communications Section also offers:

Civil Aviation Authority (CAA) Offshore Radio Operator Certificate

Duration: 1 day

Assessment: Direct observation, oral questioning, written tests

Objective: To gain knowledge of and competence in the operation of radio communication systems in use between aircraft and ground-based radio stations.

This course can also be delivered on customer premises.

The Courses in this section are required by candidates for STCW95 Chief Mate and Master

Navigation, Radar and ARPA Training - (NaRAS M) Management Level [STCW95 Table A11/2]

Duration: 5 days

Assessment: Direct observation, oral questioning

Objectives: To enable officers to evaluate navigational information derived from all sources, including radar and ARPA, in order to make and implement command decisions for collision avoidance and for directing the safe navigation of the ship.

Candidates who have not undergone recent study in Passage Planning, Parallel Indexing and Radar Plotting will be required to complete a preparatory module before starting the course.

Medical Care on Board Ship (Ship Captain's Medical) [STCW Table A VI/4 (4-6)]

Duration: 5 days

Assessment: Direct Observation, oral questioning, written tests, simulated scenarios

Objectives: To enable you to diagnose problems on board ship, provide medical care to the sick and injured on board and participate in co-ordinated schemes for medical assistance to ships.

Note: to be eligible for this course you must be 21 yrs old, have received approved training in Medical First Aid and have served at sea in a Merchant Vessel for at least 18 months.

The Short Courses in this Section are not mandatory under STCW95 but may be required under MCA Regulations. Please check with College or the MCA.

Bridge Watchkeeping Preparatory Course (No STCW95 equivalent)

Duration: 10 days

Assessment: Direct observation, oral questioning

Objectives: To foster in the candidates an appreciation of the multi-task nature of the job of an Officer of the Watch.

ARPA Course (ARPA Course)

Duration: 2½ or 3½ days

Assessment: Direct observation, oral questioning

Objectives: To enable officers to effectively use ARPA equipment as a safe aid to navigation and collision avoidance.

Navigation and Radar Course (Small vessels) (Small Vessels Navigation and Radar Course)

- Duration:** 5 days
- Assessment:** Direct observation, oral questioning
- Objectives:** To enable officers to better evaluate and make efficient use of navigational information to aid the safe navigation of their vessel and fully appreciate the dangers involved with the mis-use of radar and other electronic navigation systems

Bridge Team Management Training (No STCW78 equivalent)

- Duration:** 5 days
- Assessment:** Direct observation, oral questioning
- Objectives:** To promote effective bridge team management procedures

Fast Rescue Boats (No STCW78 equivalent) [STCW95 Table A V1/2]

- Duration:** 3 days
- Assessment:** Direct observation, oral questioning
- Objective:** To acquire a knowledge of the construction and type of fast rescue boats and associated equipment; to take charge of FRBs during launch and recovery; participate in all aspects of rescue and care of casualties from the water and to operate FRB engine(s).

This course is for seafarers who are required to take charge of Fast Rescue Boats

Note: you must be not less than 18 years old and already have a PSC & RB.

Efficient Deck Hand

- Duration:** 5 days
- Assessment:** Direct observation, oral questioning

- Objective:** To enable an understanding of seamanship, cargo work, pilot ladders and means of access, shipboard organisation and associated topics.

This Course is a requirement for candidates working towards their Officer in charge of a Navigational Watch.

Note: you need 12 months sea-time and a Navigation Watch Rating Certificate OR a Steering Certificate before this certificate can be issued.

Tanker Safety Course: Oil Tanker Familiarisation

- Duration:** 2½ days
- Assessment:** Direct questioning, written assignments and end-of-course written assessment
- Objective:** Characteristics of cargoes, Toxicity, hazards, hazard control, safety equipment, Protection of personnel, pollution prevention and Basic tanker designs.

Tanker Safety Course: Oil Tanker Specialisation

- Duration:** 5 days
- Assessment:** Direct questioning, written assignments and end-of-course written assessment
- Objective:** To provide Deck Officers in the tanker trades a course covering ship types and cargoes as well as an in-depth appreciation of the hazards of transporting petroleum cargoes. Personal safety and the protection of the environment are the foci of this course.

Chemical Tanker Specialisation

- Duration:** 5 days
- Assessment:** Direct questioning, written assignments and end-of-course written assessment
- Objective:** To provide Deck Officers serving on Chemical Tankers an in depth appreciation of the hazards in

transporting chemical cargoes. Personal safety and the protection of the environment are heavily emphasised in this course.

[Note: It is our intention to add Gas Tanker Specialisation to the Course File during 2003/2004. Please ring for the latest update] Tanker Specialisation

Fire Courses

Both OPITO and STCW95 fire training is offered at Fleetwood Nautical Campus

Safety Officers' Training

Duration: 2½ days

This Course is aimed at Safety Officers, Representatives and Shore Personnel who all have an interest in Safety aboard ship. It covers Safety Legislation, interpersonal communications and committee training amongst other things.

There is also a basic introduction to the fundamental requirements of the International Safety Management Code. The course includes role plays which are videoed for subsequent analysis.

International Ship and Port Facility Security (ISPS Code)

Training as required by SOLAS 74 as amended by Chapter XI-2 is available for the following:

Ship Security Officers

Duration: 3 days (Monday to Wednesday)

Candidates must be holders of a first certificate of competence at OOW or EOOW or above.

Company Security Officers

Duration: 4 days (Monday to Thursday)

There are no specific entry requirements but candidates should be suitably experienced in the field of ISM at company level.

The enclosed sheets detail the costs and dates for all the Programmes. While we take the utmost care in producing this Prospectus we are sure you will understand that some of the costs are beyond our control and it is possible prices may alter before you attend College. We also reserve the right to cancel courses if enrolled numbers are not viable. If we do make changes we will give as much notice as possible to our customers.

Please check with us for the latest information.

**School of Maritime Operations, Fleetwood Nautical Campus
Broadwater, Fleetwood, Lancashire FY7 8JZ United Kingdom
Tel: 44(0)1253 779123 Fax: 44(0) 1253 773014 email: maritime@blackpool.ac.uk**

The above training is a SOLAS requirement for ships engaged on International Voyages as follows. Passenger ships including high speed passenger craft, Ships of 500GT or above and mobile offshore drilling units.

The course will lead the candidate to a full understanding of the ISPS code and its implication for the day to day management of the vessel. Practical exercises are utilised whenever possible. Delegates will be able to undertake the processes of security assessment, compiling and amending the Ship Security Plan as well as manage the training, exercises and drills required by the ISPS code.

Discipline and Dismissal Course

Duration: 2 days

This Course is designed for Masters and other Senior Officers, including Shore Staff, who may have to conduct inquiries into serious disciplinary cases which could result in dismissal.

The Course will appraise delegates of Employment Law including Unfair Dismissal legislation using case studies and Closed Circuit TV to emphasise the theoretical concepts.

Health and Safety

In accordance with the requirements for MCA Accreditation, we carry out risk assessments for all the training activities we conduct.

Students are required to follow all health and safety regulations during their courses and these will be pointed out to them at the beginning of their training.

Students following practical courses (i.e. PSC&RB, EDH,) must have the appropriate working gear including waterproofs, working clothes and safety footwear. Under no circumstances will students be permitted to work at the lake or on the Training Platform without safety Footwear.

Operations Glossary of Terms and Acronyms

APL	Accreditation of Prior Learning	MFA	Medical First Aid
ARPA	Automatic Radar Plotting Aid	MGN	Marine Guidance Note
BFC	Blackpool and The Fylde College	MIN	Marine Information Note
BTEC	Business and Technical Education Council	MNTB	Merchant Navy Training Board
BTM	Bridge Team Management	MSN	Merchant Shipping Notice
BWP	Bridge Watchkeeping Preparatory Course	MVE	Marine Vessel Engineering
DLP	Distance Learning Programme	MVO	Marine Vessel Operations
EDH	Efficient Deck Hand	NaRAS (M)	Navigation, Radar and ARPA Simulator Training (Management)
EFA	Elementary First Aid	NaRAS (O)	Navigation, Radar and ARPA Simulator Training (Operational)
FF (A)	Fire Fighting (Advanced)	NRSV	Navigation and Radar Course (Small Vessels)
FF(B)	Fire Fighting (Basic)	NVQ	National Vocational Qualifications
FOSC	Fleetwood Offshore Survival Centre	OOW	Officer of the Watch
FRB	Fast Rescue Boat	p.c.	Performance Criteria
FTC	Fire Training Centre	p.e.	Performance Evidence
FTL	Fleetwood Testing Laboratory	PSC&RB	Proficiency in Survival Craft and Rescue Boats
FVQ	Flexible Vocational Qualification (Route to Certification)	PSSR	Personal, Safety and Social Responsibilities
GMDSS	Global Maritime Distress and Safety System	PST	Personal Survival Techniques
HND	Higher National Diploma	QA	Quality Assurance
ISF	International Shipping Federation	RYA	Royal Yachting Association
ISM	International Safety Management Code	SQA	Scottish Qualification Authority
ISO	International Standards Organisation	STCW	Standards of Training, Certification and Watchkeeping
M&R	Monitor and Review	TDLB	Training Development Lead Body
MARITAS	Maritime Training and Assessment	UCAS	University and Colleges Admission Services
MC	Medical Care	UPK	Underpinning Knowledge
MCA	Maritime and Coastguard Agency	VTS	Vessel Traffic System Fire Courses