

DISCOVER A CAREER AT SEA



SOUTH SHIELDS
MARINE
SCHOOL



WHO ARE SOUTH SHIELDS MARINE SCHOOL?

South Shields Marine School (SSMS) are specialists in maritime education and training. Since 1861, the school has transformed the delivery of education in this industry, offering world-class training for anyone looking to acquire the knowledge and skills to begin a career at sea.

Training is offered in these key areas:

Navigation

Marine Engineering

Electro-Technical

This education can lead to a career in the merchant navy, which is highly rewarding yet challenging, creating opportunities at sea with large international shipping companies or on-shore at ports across the world.

In a world that is ever evolving, a career at sea will stand you in excellent stead and is a very exciting sector to be a part of, where no two days are the same.

Did you know?

The biggest container ships can hold 745 million bananas in 15,000 containers and if lined up, would stretch halfway across the planet!

From meeting new friends, to building confidence, you'll learn a variety of unique skills - from navigating and steering a ship, to managing critical controls in the engine room.

Take a look at the opportunities in this guide that will give you the platform to embark on a successful career at sea.



**START YOUR JOURNEY
AT SSMS!**

SHIP'S COOK

ARE YOU INTERESTED IN CATERING AND HAVE A DESIRE TO TRAVEL THE WORLD?

If the answer is yes, a life as a ship's cook may be the one for you.

The Ship's Cook assessment course is running throughout the year at South Shields Marine School.

If you're interested in the catering route as a starting point, you can apply to enrol on a level 3 catering course at South Tyneside College then complete a Ship's Cook Assessment afterwards which will last approximately 2 weeks. This assessment will grant you the qualifications needed in order to work on a ship as a cook.

As part of the assessment, training will involve practical elements in our fully equipped kitchen such as making fresh bread from scratch as an example. Our well-designed kitchens also provide a realistic working environment in which act as an in-house commercial restaurant and retail outlet.

Interested? Please email wayne.reed@stc.ac.uk for further information.

START YOUR CATERING CAREER AT SEA!

PRE-CADETSHIP

AN INTRODUCTION TO THE MARINE SECTOR

What is a Pre-Cadetship?

A pre-cadetship is the introduction to your training, which will teach you the basic safety and technical skills of the marine sector.

Interested in science and/or maths?

If you are good with numbers or have a scientific mind, one of our pre-cadet pathway routes could be perfect for you:

- **Engineering** - Do you enjoy fixing things and are numerical? Modern day ships use complex equipment and tools to ensure the smooth day-to-day running of the vessel.

- **Marine Operations (Deck)** - For all things relating to technology and navigation, this is the right option for you. Modern ships use the latest navigational technology to get cargo, passengers and crew members from port to port safely.

If you have a desire to work at sea and travel the world, these pre-cadetship programmes will give you both the academic and vocational skills that you need.

How will I study?

You will study at our state-of-the-art facilities on a one-year full time programme before progressing on to the next level, which could lead to an exciting, fully-funded sponsorship from an international shipping company.



Fern Lilley — Aged 17

"I always wanted to work at sea from a young age, and the pre-cadetship was brought to my attention at an open day. It is the best thing I've done as have learnt so many unique skills which have developed my CV and led me to securing a sponsorship meaning I'll be able to continue my studies at the marine school".

CADETSHIP

A SPONSORED ROUTE TOWARDS A CAREER AT SEA

What does it mean?

On successful completion of the Pre-cadetship, or after directly applying to a shipping company, you would be able to undertake a three-year, sponsored Officer Cadet training programme.

Sponsorship largely covers higher education fees, meaning there is no student debt incurred whilst providing a stable income.

A cadet can train in three different areas including:

Navigation

Marine Engineering

Electro-Technical

How will I study?

For a cadetship, you will be enrolled on to a three-year training programme split into 5 phases.

Phases 1, 3 and 5 are based at college, studying the theory behind your chosen area including mandatory safety training courses. Phases 2 and 4 are based at sea so you will get the so you will get the practical experience and knowledge to enable you to pass your final oral exams and become a fully qualified Officer.

A cadetship programme is the springboard to an exciting career away from the standard office based '9-5' job. With no shortage of opportunities, those who qualify will be provided with a wealth of knowledge that will be used either at sea or onshore.

All cadetships are sponsored by a commercial maritime company. Please visit www.careersatsea.org to see the list of vessels and companies who provide sponsorship.



**A CADETSHIP PROGRAMME
IS THE SPRINGBOARD TO AN
EXCITING CAREER AWAY FROM
THE NORMAL OFFICE '9-5' JOB**

NAVIGATING OFFICER

DEALING WITH SAFE NAVIGATION, CARGO CARE AND DECK MAINTENANCE.

What does it mean?

A Navigating Officer is responsible for the day-to-day navigation and communications of the vessel. They also ensure the ship is stable when going to sea and that the cargo (i.e. food/items of clothing) is loaded and unloaded safely.



Hannah Lewis — Aged 23

“I’ve learned a lot whilst being here, I knew nothing about celestial navigation before this course, but now I can navigate using stars. Male or female, I would definitely encourage a career at sea but you have to be prepared to work and study hard, but also have fun”.

During the Navigating Officer cadetship at SSMS, you will spend at least twelve months at sea during the three year programme.

How will I study?

After being sponsored by a shipping company such as Shell, Princess Cruises or BP (to name a few) your training programme will be split into 5 phases.

Phases 1, 3 and 5 are based at college studying the theory behind your chosen area including mandatory safety training courses. Phases 2 and 4 are based at sea so you will get the practical experience and knowledge to enable you to pass your final oral exams and become a fully qualified Officer.

Would this course be for you?

If you are serious about a career at sea and would like to travel the world, some shipping companies offer sponsorships to cadets from the age of 16+with the likelihood of going to sea by the age of 18.

SPONSORED OPPORTUNITIES FROM AGE 16+

START YOUR CAREER AT SEA IN NAVIGATION

MARINE ENGINEERING OFFICER

DEALING WITH PROPULSION, MAINTENANCE, OPERATIONS AND DESIGN ON SHIP

What does it mean?

A Marine Engineering Officer is responsible for the operation and maintenance of a ship's propulsion, electrical generation, and all technological and ancillary systems upon which the ship relies.

If you have an analytical mind and like to be hands-on, this career choice can open up many opportunities in the Merchant Navy and maritime industry.

During the marine engineering cadetship at SSMS, you will spend at least eight months at sea during the 3-year programme. You will also learn the practical and resourceful skills that will help you become a qualified Engineer at operational level. This is the first step for any Marine Engineer who wants to have a flourishing maritime career which could lead to progression opportunities including the high-ranking Chief Engineer.

How will I study?

To study as a Marine Engineering Cadet Officer you would need to apply to a shipping company such as BP or the RFA to name just two, or to a training company such as Clyde Marine or SSTG. Before applying, you will need at least four GCSEs in Maths, English, a Science subject and another at grade 5 or above.

Sponsorship opportunities include either a Marine Engineering Foundation Degree or via a HNC/HND route.

The study period will be across three years, including two phases at sea and three spells at college.

Would this course be for you?

If you are passionate about engineering and how things work, whilst having an interest in ships and travelling, this course could be the right one for you.

START YOUR CAREER AT SEA IN MARINE ENGINEERING



Adam Marshall — Aged 20

"While at SSMS I've learnt safety training, firefighting and a wide range of engineering skills. Whilst challenging, it's also been an excellent opportunity to do things I would never have otherwise done whilst gaining great qualifications that enable you to work at sea."

ELECTRO-TECHNICAL OFFICER

IN CHARGE OF ALL ELECTRICAL SYSTEMS ON SHIP

What does it mean?

An Electro Technical Officer (ETO) is a member of the engineering department on a ship. Also referred to as the Electrical Engineering Officer, the ETO is in charge of all the electrical systems.

This includes generation and distribution of power to all of the vessel including the use of radio communications and navigation aids such as radars. These are used for detecting the presence, direction, and speed of ships by sending out pulses of radio waves.

If you have a passion for modern technologies and would like to work at sea, the demand for ETOs is high. Responsibilities would involve managing and maintaining a range of electronic and engineering equipment at sea contributing to the ships operational safety.

How will I study?

To study as an Electro-Technical Officer you would need to apply to a shipping company or training provider.

Before applying, you would need at least four GCSEs in Maths, English, a Science subject and another subject, preferably at grade 5 or above, plus a level 3 Electrical or Engineering qualification including a maths unit or 'A' levels to give 48 UCAS tariff which must include a maths based subject.

START YOUR CAREER AT SEA IN ELECTRICAL ENGINEERING

Sponsorship opportunities are available via an Electro-Technical Officer Foundation Degree route. Study period will be three years including three spells at college and two periods at sea.

Would this course be for you?

If you like the thought of working with electronics and dealing with technical challenges, this could be the career path for you.



Catherine Caseman

Aged 27

"I came to SSMS to start an amazing career as an ETO. I have enjoyed both workshop and sea time where I have developed practical skills and applied the theory I have learned in the classroom. I would encourage anyone looking for a role with a difference to apply and see where this career can take you!"

MARINE OFFSHORE SAFETY TRAINING CENTRE: MOST

Situated on the riverside at South Shields, our world-class facilities at the Marine Offshore Safety Training Centre will equip you with the necessary survival and safety skills required for a career at sea!

Your mandatory safety training will include fire prevention/firefighting, first-aid and personal survival training. All seafarers must complete their essential safety training prior to working onboard a commercial ship.

In the Merchant Navy, it is essential to have the necessary safety survival skills including practical knowledge whilst being able to use the equipment safely - in case of an emergency.

OUR WORLD-CLASS FACILITIES INCLUDE:

- Environmental pool (creating realistic sea conditions with the use of wind, waves, rain and sound effects).
- Life raft and emergency safety equipment
- Survival suits and life jackets
- Helicopter escape module (creating realistic conditions to simulate dry, wet and capsize situations).

Our state-of-the-art training facilities will challenge you, giving a real insight in to the importance of safety and the value that every member of the crew adds.

Marine Booking Centre: marine@stc.ac.uk

MOST: most@tynecoast.ac.uk





WHAT NEXT?

If you require further information or a more in depth one-to-one discussion, please get in touch with our Marine Department by phone: **0191 427 3517** or email us via **shipping@stc.ac.uk**

In order to find out more information about a career at sea, please visit any of the following websites:

South Shields Marine School:
www.stc.ac.uk/marine

Careers at Sea:
www.careersatsea.org

Career at Sea and Beyond:
www.casandbeyond.org

Merchant Navy Training Board:
www.mntb.org.uk

The Marine Society:
www.marine-society.org

UK Chamber of Shipping:
www.ukchamberofshipping.com

Maritime and Coastguard Agency:
www.gov.uk/government/organisations/maritime-and-coastguard-agency

Sea Vision UK: **www.seavision.org**

If you have any other enquiries, please contact our student services department:
info@stc.ac.uk



SEE WHERE A CAREER AT SEA CAN TAKE YOU!

Don't miss out on finding out more about what a career at sea can offer you by attending one of our annual open days in April or November.

Keep checking our website and social media pages for confirmed dates and timings.



How to apply - pre-cadets:

- Complete an online application through our website.
- Upon meeting the entry requirements, you'll then be invited for an interview and math assessment at the college.
- Following a successful interview, we will write to you to formally confirm your provisional offer. (Your place will be provisionally accepted and reserved until original qualifications are produced).
- You will then be invited to a pre-enrolment taster day, where you'll meet your lecturers and future classmates.

How to apply - cadets:

- Complete an online application form via the careers at sea website.
- You will then be able to view and apply directly to a range of training providers and shipping companies which are listed who will then process your application.

#WEARE SOUTHSHIELDS MARINESCHOOL



THE QUEEN'S
ANNIVERSARY PRIZES
FOR HIGHER AND FURTHER EDUCATION
2019



GET IN TOUCH:

www.stc.ac.uk/marine

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