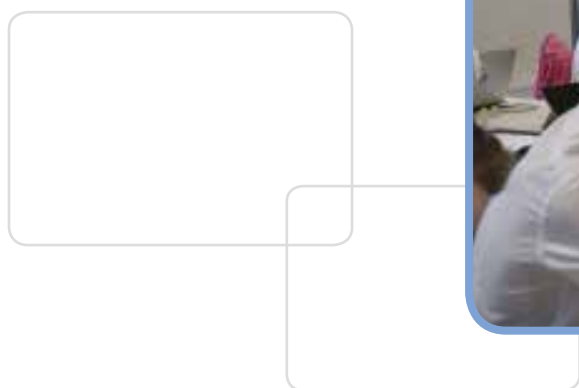
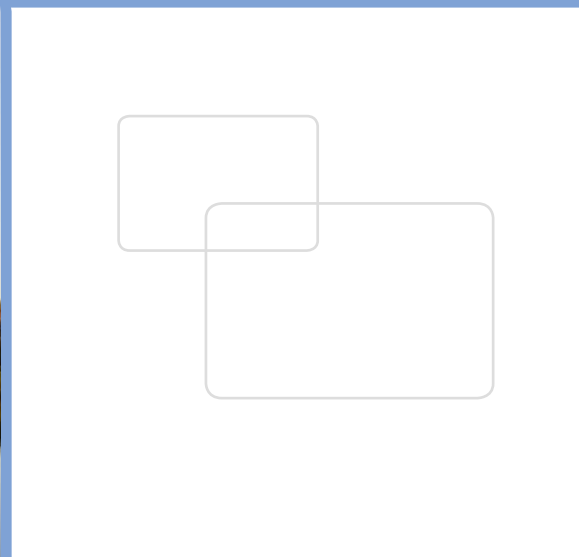
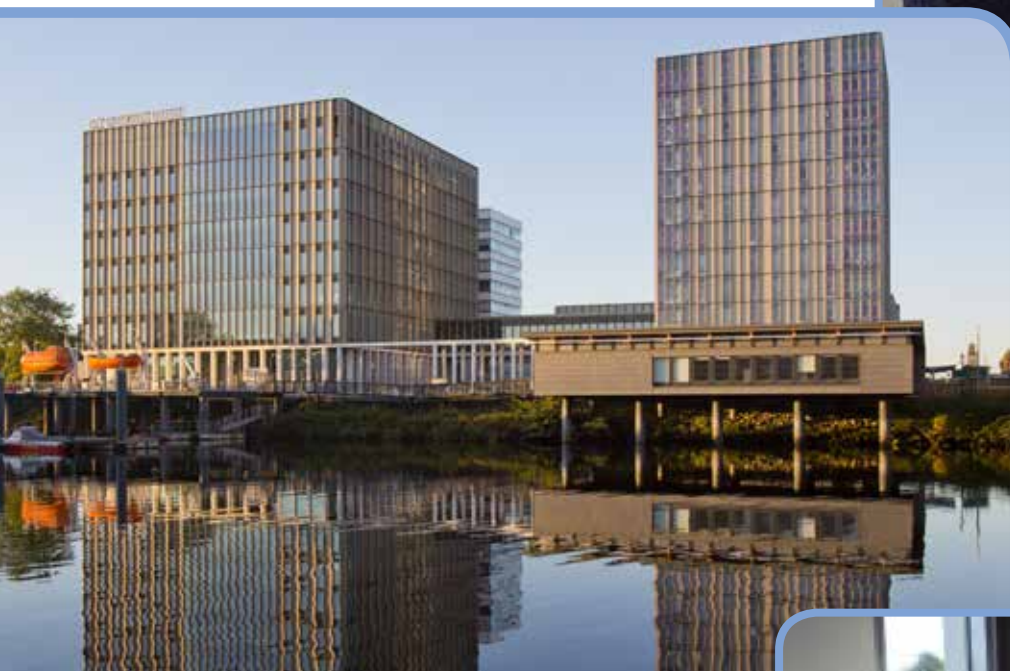


FACULTY OF NAUTICAL STUDIES

International Partnerships





Why Choose City of Glasgow College?



- Delivering high quality nautical training since 1969.
- One of Scotland's biggest colleges, home to almost 30,000 students and 1,200 staff
- 360 Deck and Engine cadets enrolled each year from UK and international companies
- Modern, world-class campuses in the centre of Glasgow delivering training to over 3,500 marine students
- Excellent learning facilities including bridge and engine room simulators, ECDIS and GMDSS labs
- World-class Engineering Workshop with unique 20 tonne working ship engine
- Continual investment in college infrastructure: over £230m invested in our Riverside and City campuses
- Dedicated teaching staff with extensive industry experience
- Relationships with local SMEs, international blue chip companies and awarding bodies
- Excellent international reputation, with both college staff and students winning many national and international competitions
- Flexibility of course delivery to meet client needs



Faculty of Nautical Studies

WHO ARE WE?

As the majority of international trade is moved by sea, it is the industry that keeps the world economy moving.

City of Glasgow College is recognised as a leading training provider in marine training both in the UK, and Internationally. The Faculty of Nautical Studies has strong business links across Asia, Africa and the Americas, specifically in providing academic qualifications and mandatory safety training for

engineering & deck cadets, and marine industry professionals. City of Glasgow College is proud to work in partnership with maritime institutions across the world to deliver relevant, high quality training to established professionals in the industry as well as trainees starting their careers.

WHAT DO WE DO?

Our specialisms include:

- Senior Marine courses in preparation for MCA Class 1 and 2 Certificates of Competency
- Officer of the Watch courses
- Bridge / Engine simulation training
- Ship pilot training
- Advanced petrochemical & gas training
- High Voltage (HV) Management
- ECDIS courses
- HELM Operational / Management
- Survival Craft and Rescue Boats
- Engine Maintenance

WHAT DO WE OFFER?

- Experienced, knowledgeable staff ready to deliver or create courses to suit the needs of the client
- World-class facilities including Bridge, Engine Room and LICOS simulator suites, allowing students to get experience of what it is like to work on board ship
- Reputation for excellence internationally, both in provision of training courses and working in partnership with companies
- Fully equipped workshops with working engines and a full range of tools that would be used aboard ship
- Maritime & Coastguard Agency (MCA) and the Merchant Navy Training Board (MNTB) providing evidence that we deliver high quality, globally recognised maritime education
- Marine Skills Centre, offering training in survival craft and rescue boats

BESPOKE TRAINING

In addition to the wide range of courses offered by City of Glasgow College, our Business Development staff can work to create bespoke training to meet specific needs of international partners. This might

involve travel to the UK to carry out training, where students can live in our excellent halls of residence, or training being delivered in-country at our partner's premises.

International partnerships

At City of Glasgow College, we are proud of our strong international business and commerce links. We work closely with businesses to develop their workforce skills through world

class training and consultancy, and offer support and development of vocational training across many industries. Our reach is truly global.



Some of our international partners include:

- AMET: Academy of Maritime Education and Training, Chennai, India
- BP Marine Academy, Mumbai
- Maritime Training Institute, Karachi, Pakistan
- VELS University, Chennai, India
- Oman Shipping
- Royal Yachts of Oman
- Nigeria LNG, Port Harcourt, Nigeria
- Sonangol Marine Service, Angola
- Hubei University of Economics, China

Some of the international companies we work with include:

- BP Shipping
- Stena Group
- Maersk
- Anglo-Eastern
- P&O
- Teekay
- NYK
- Vela



1+1 Programme

City of Glasgow College are proud to offer the 1+1 programme in HND Nautical Science and Marine Engineering in conjunction with our esteemed international partners. The 1+1 programme is approved by the UK Maritime and Coastguard Agency (MCA) and is a pathway course to Officer level certification in the Merchant Navy, offering students a range of lucrative career opportunities at sea or ashore.

Running over 2 years, the first year of the 1+1 programme is delivered at one of our partner institutes. The second year is run at City of Glasgow College in our new, state of the art Riverside Campus. This campus building was officially opened in October 2015 by the First Minister of Scotland and features on-campus accommodation that is available to our students. On completion of the course, students will gain the Higher National Diploma (HND) in Nautical Science or Marine Engineering.

The 1+1 programme offers students an accessible route into the Merchant Navy. The programme builds on the years of experience City of Glasgow College has in working with

international partners to deliver high-quality, relevant training to all levels of the marine industry across the world.

Progression

Following their HND, students can continue with their education by moving on to University or working at sea to build up the sea time training that will be required for senior officer level courses delivered at City of Glasgow College, which include Officer of the Watch (OoW), Class 2 Engineer, Class 1 Chief Engineer, Chief Mate and Masters Certificates of Competency. Officer qualifications are issued by the UK Maritime and Coastguard Agency.

Approved training provider

City of Glasgow College is a leading provider of Nautical training in the UK. The college is approved as a training provider by organisations including the UK Maritime and Coastguard Agency (MCA), the Merchant Navy Training Board (MNTB), Scottish Qualifications Authority (SQA), City & Guilds and has number 1 ranking for UK WorldSkills.

UNITS DELIVERED

HND Nautical Science

The HND Nautical Science course delivered at City of Glasgow College will include the following units:

- Bridge Watchkeeping
- Celestial Navigation
- Chartwork and Tides
- Management of Bridge Operations
- Management of Vessel Operations
- Marine Cargo Operations
- Marine Emergency Response and Communication
- Marine Law and Management: An Introduction
- Marine Meteorology: An Introduction
- Marine Passage Planning
- Marine Vessels: Structures and Maintenance
- Nautical Science: Graded Units 1, 2 and 3
- Naval Architecture: Ship Construction
- Navigational Mathematics and Science
- Practical Watchkeeping
- Safety Management Systems
- Ship Stability: An Introduction
- Ship Stability: Theory and Practical Application
- Shipboard Management
- Shipmaster's Business

HND Marine Engineering

The HND Marine Engineering course delivered at City of Glasgow College will include the following units:

- Fundamentals of Control Systems and Transducers
- Advanced Marine Thermodynamic Principles
- Advanced Applied Mechanics
- Advanced Marine Heat Engine Principles
- Advanced Naval Architecture
- Advanced Ship Construction and Survey
- Advanced Strength of Materials
- Auxiliary Systems
- Auxiliary Thermodynamic Principles
- Dynamics and Machines
- Electrical Distribution Systems
- Electrical Motors and Generators
- Electrical Power
- Electrical and Electronic Devices
- Marine Engineering: Graded Units 1 and 2
- Marine Heat Engine Principles
- Marine Management
- Naval Architecture
- Pneumatics and Hydraulic Systems
- Propulsion
- Ship Construction
- Statics and Strength of Materials
- Mathematics for Engineering
- Process Control
- Safety Engineering and the Environment



1+1 International Partner Institutes

ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) CHENNAI, INDIA

AMET University is located on the beautiful shore of the Bay of Bengal, at Kanathur. A short drive from Chennai, AMET is one of the college's most valued partners. Thousands of students have progressed through the ranks of the Merchant Navy having learned their trade at AMET and City of Glasgow College.

AMET has been recognised by the Lloyd's List Awards, receiving a training award in 2013. The university has also been named as the "Emerging Maritime University of the Year" in 2013 by the Study World Excellence Awards.

As a partner organisation of City of Glasgow College since 1992, AMET is committed to providing the highest quality education and training, providing a vibrant, modern and enriching learning environment and equipping students with the knowledge and understanding they need to succeed in their chosen career in the marine industry.

BP MARINE ACADEMY (MUMBAI, INDIA)

Located in Navi Mumbai, the BP Marine Academy boasts two state of the art campuses delivering first class maritime training and have been in partnership with City of Glasgow College since 2007.

The BP Marine Academy is proud to have been recognised by the LIMCA Book of National Records 2015 for the highest number of trained seafarers in the last 15 years, and in 2013 was given the Education Excellence Award for being "Asia's best Marine Institute".

Students at BP Marine Academy have followed the 1+1 route, starting their studies in Mumbai and finishing them in Glasgow, ensuring they have access to expert staff and world-class facilities at each step of the way.

MTI - MARITIME TRAINING INSTITUTE (KARACHI, PAKISTAN)

The Maritime Training Institute is located in the vibrant city of Karachi, the commercial and financial capital of Pakistan, and has been a partner organisation of City of Glasgow College since 2001. MTI provides a comprehensive range of education and training programs for New Entrants and Existing Seafarers, to build up and advance their career.

In 2013 MTI were honoured to be finalists for the Seatrade Middle East & Indian Subcontinent Award, in recognition of their skills and professionalism within the shipping industry to develop and improve education and training.

Fifteen years of partnership and close working between our two organisations have seen many students go through the 1+1 route to complete their studies in Marine Engineering and Nautical Science.

VELS ACADEMY OF MARITIME STUDIES (VAMS), CHENNAI, INDIA

City of Glasgow College has worked in partnership with Vels, situated at Thalambur, Chennai, near Navalur on the IT Highway of Tamilnadu, since 2005. Vels possesses the first all steel ship-in-campus ever to be built in India which is now fully operational, showing their commitment to delivering relevant, meaningful training to students.

This is coupled with the same commitment from City of Glasgow College, which has a brand new, world-class campus dedicated to Nautical studies on the banks of the River Clyde.

Vels Academy of Maritime Studies has been recognised by the Lloyds Register of Quality Assurance in London, who have awarded the institute with ISO 9001:2000 certification. Vels is the first institute in South India to achieve this prestigious award.



INDIA - MUMBAI, PUNE, CHENNAI

The college has a range partnership agreements dating back to 1992 with the following institutions in India:

- BP Marine – Mumbai
- Academy of Maritime Education and Training (AMET) –Chennai
- VELS Academy of Maritime Studies (VAMS) – Chennai

All of the above partnerships focus on our successful 1+1 models in the area of Nautical Science and Marine Engineering.

CHINA - HANGZHOU, SHANGHAI, WUHAN AND SICHUAN

The college is working in partnership with Zhejiang Technical Institute of Economics (ZJTIE).

This 7 year partnership will focus on:

- Delivering 5 Supply Chain Management units which will be awarded as a Certificate in Supply Chain Logistics
- Teacher Training, Staff and Student Exchanges

City of Glasgow College has welcomed students from Hubei University of Economics, Tian Fu in Sichuan and Shanghai Southwest College to study for a semester or 1 year at SCQF Levels 6-8 in the area of Art & Design.

MALTA - MALTA AND GOZO

Since 2013 we have been working with the Malta College of Arts, Science and Technology (MCAST).

This project aims to improve the quality of Technical and Vocational Education and Training (TVET) across 1000 units and 90 programmes at EQF levels 4 and 5. It will also increase the industry relevance of qualifications and support enhancing employability rates. Many of the units being worked on relate to Nautical Science and Marine Engineering.

EUROPE - FRANCE, DENMARK, SPAIN, ITALY, GERMANY, CZECH REPUBLIC, MALTA PORTUGAL & FINLAND

City of Glasgow College has developed over 40 European institutional partners over the past 20 years that actively engage in a range of projects, including:

- Outward and inward student mobility to Italy, Germany and France
- Tailor made courses for hosted groups from Denmark
- Staff work placements in Denmark, Germany & Italy
- Working in EU funded projects to develop new curriculum

Nautical Courses

SHORT COURSES

Course title	Type	Duration
Advanced tanker course (oil)	Day	5 days
Certificate Proficiency Survival Craft	Day	5 days
Certificate Proficiency Survival Craft (Refresher)	Day	1 day or Half Day
Efficient Deck Hand	Day	5 days
Electronic Chart Display and Information System (ECDIS)	Day	5 days
Global Maritime Distress and Safety Systems (GMDSS)	Day	10 days
Human Element Leadership Management (HELM)	Day	5 days
Human Element Leadership Operational (HELM)	Day	3 days
Personal Safety and Social Responsibility (PSSE)	Day	Half day
Personal Survival Techniques (PST)	Day	1 day
Proficiency for Seafarers with Designated Security Duties (PDSD)	Day	1 day
Safety Officers Course	Day	3 days
Ships Security Officer	Day	3 days
Tanker Familiarization	Day	3 days
MCA Certificate Course (Distance Learning)	Distance	4 weeks
High Voltage (HV) Management	Day	5 days
High Voltage (HV) Operational		
Navigation Aids, Equipment and Simulator Training (NAEST) Management	Day	5 days
Navigation Aids, Equipment and Simulator Training (NAEST) Operations	Day	5 days
Navigation Aids, Equipment and Simulator Training (NAEST) Operations Theory	Day	6 weeks
Small engine	Day	5 days
Working Engine Room	Day	5 days
Simulator Course	Day	1 to 5 weeks
Dynamic Positioning Training	Day	5 days
Advanced Ship Handling	Day	5 days
Bridge Resource Management	Day	4 days
Entry into Enclosed Spaces	Day	1 Day

Nautical Courses

MEDICAL AND HEALTH CARE

Course title	Type	Duration
MCA (STCW) Proficiency in Medical Care On Board Ship	Day	5 days
MCA (STCW) Proficiency in Medical Care On Board Ship (Refresher)	Day	3 days
MCA (STCW) Proficiency in Medical First Aid	Day	4 days
MCA (STCW) Proficiency in Medical First Aid (Eve) (FC)	Eve	4 weeks
MCA (STCW) Proficiency in Elementary First Aid	Day	1 day

RYA COURSES

Course title	Type	Duration
Enhanced Navigational Boat Course	Eve	26 weeks
RYA Coastal / Offshore	Eve	26 weeks
RYA Day Skipper	Eve	26 weeks
RYA Engine Maintenance	Eve	4 weeks
Short range certificate		3 weeks

DECK

Course title	Type	Duration
Chief mates / Class 2 Post HND Course	Day	17 weeks
Chief mate Full HND Course	Day	38 weeks
Class 1 Masters (orals)	Day	4 weeks
Class 2 Chief Mates (orals)	Day	5 weeks
Class 2 Chief Mates (written)	Day	5 weeks
Officer of the Watch (OOW) Post-HND course	Day	17 weeks

Nautical Courses

ENGINEERING

Course title	Type	Duration
MCA Class-I Engineering Knowledge (Chief Engineer)	Day	10 weeks
MCA Class-II Engineering Knowledge (Second Engineer)	Day	10 weeks
EOOW and IAIM Examination Preparation and Record Book Guide	Day	4 weeks
IAIM Exams		
MCA Certificate Course (Distance Learning)	Distance	

EXAMS

Course title	Type	Duration
MCA Exams	Exam	



Other Faculties

FACULTY OF BUILDING, ENGINEERING AND ENERGY

With specialisms including Architectural Technology, Building Surveying, Construction Management, Electrical and Mechanical Engineering, Gas Training, Carpentry and Joinery, Quantity Surveying, Stonemasonry and PASMA, the Building, Engineering & Energy Faculty at City of Glasgow College meets the need of companies and individuals in industry for a range of courses to develop existing professionals and train up the next generation of engineering talent.

FACULTY OF EDUCATION AND SOCIETY

The Faculty of Education and Society provides a diverse range of commercial courses delivered by experienced professionals across Health and Social Care, Teacher Education, Community Development and English Language. Our workforce development team ensure that both students and employers benefit from our flexible, blended learning approach, minimising time away from the workplace whilst providing the knowledge and skills necessary for the developing professional.

FACULTY OF CREATIVE INDUSTRIES

The creative industries constitute one of the fastest growing sectors in the UK. The Faculty of Creative Industries at City of Glasgow College is addressing this growing economic demand by fostering talent through student participation in hands-on projects, a diverse and experienced staff and industry-standard facilities. We deliver graduates who are highly qualified in their field and eager to contribute to the economy in both the creative sector and beyond.

FACULTY OF BUSINESS

Situated in the heart of Glasgow City Centre we are strategically placed to offer support to both the public & private sectors across the city centre and beyond. As a college we are making huge strides in the business community and we are promoting an educational model that ensures a highly skilled and diverse graduate workforce to drive innovation and growth with employers like you.



Interested?

Please contact the International Team
(0044) 141 375 5274

International@cityofglasgowcollege.ac.uk

You may also be interested in courses for

- Building, Engineering and Energy
- Business
- Creative industries
- Education & Society
- Leisure & Lifestyle

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