2019 COURSE GUIDE

WORLD-CLASS MARITIME FACILITIES AND TRAINING ON THE DOORSTEP OF THE GREAT BARRIER REEF
WORLD-CLASS MARITIME FACILITIES AND TRAINING

IF YOU’RE LOOKING TO UPSKILL, REVALIDATE OR REFRESH YOUR CERTIFICATE, OR EMBARK ON A REWARDING CAREER IN THE MARITIME INDUSTRY – THE GREAT BARRIER REEF INTERNATIONAL MARINE COLLEGE (GBRIMC), IN PARTNERSHIP WITH TAFE QUEENSLAND, OFFERS MARITIME TRAINING IN ACCORDANCE WITH REGULATORY REQUIREMENTS AND THE AUSTRALIAN MARITIME SAFETY AUTHORITY (AMSA).

Located in Cairns – North Queensland, Australia – our state-of-the-art training facility offers a comprehensive range of training qualifications and certificates. Training complies with the requirements of the International Maritime Organisation Standards of Training, Certification and Watchkeeping for Seafarers (IMO STCW).

Staff at GBRIMC hold relevant and current qualifications and are experts in their field. They have extensive maritime experience and know the specific training and skills you need to start or develop your maritime career.

While studying at GBRIMC, you’ll have access to a comprehensive range of fully-equipped on-site training resources including:

- Full mission bridge simulator
- Fire fighting and emergency response training facility
- Tug-optimised bridge
- Desktop simulators
- Engineering workshops
- Sea survival training immersion pool

In addition, our commercially registered 20 metre training vessel ‘MV Gwendoline May’ serves as an ideal platform to perform practical elements of seamanship.
CONTENTS

AMSA APPROVED SHORT COURSES

SAFETY AND SURVIVAL
4. Safety Training Certification Skill Set (CoST)
4. Safety Training Certification Skill Set (CoST) Revalidation
4. Certificate of Competency (CoC) Continued Competence Refresher Training
4. Certificate of Proficiency (CoP) Rating Continued Competence Refresher Training
5. Personal Safety and Social Responsibilities (PSSR)
5. Personal Survival Techniques (PST)
5. Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC)

FIRST AID
5. Elementary First Aid

SECURITY
5. Security Awareness Training (SAT)
5. Ship Security Officer (SSO)

ELECTRONIC CHART DISPLAY INFORMATION SYSTEM
5. ECDIS

FIRE
5. Basic Fire Prevention and Fire Fighting
5. Advanced Fire Fighting

OTHER SHORT COURSES

COMMUNICATIONS
5. Certificate in Maritime Emergency Care, Craft and Communication (GMDSS)
5. Global Maritime Distress Safety System (GMDSS) Revalidation
5. Marine Radio Operator’s VHF and HF Skill Set (LROCP)
5. Marine Radio Operator’s VHF Skill Set (SROCP) - previously (MROVCP)

FIRST AID
6. Provide First Aid

TRAIN THE SIMULATOR TRAINER AND ASSESSOR
6. Train the Simulator Trainer and Assessor

PASSENGER SAFETY TRAINING
7. Crisis Management
7. Crowd Management

SAFETY AND SURVIVAL
7. Shipboard Safety Skill Set

MARINE SAFETY
7. Exemption 38 - Marine Safety (Low Complexity Duties) Exemption 2017

YACHTS
7. Master of Yachts Limited (200 Tons) / Master up to 24 metres Crossover
7. Tug and Barge Master General Operators Course

CERTIFICATE QUALIFICATIONS

8. Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)
8. Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)
8. Certificate I in Maritime Operations (General Purpose Hand Near Coastal)
8. Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)
9. Certificate IV in Maritime Operations (Master up to 35 metres Near Coastal)
9. Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)
9. Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
9. Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)
9. Certificate III in Maritime Operations (Marine Cookery)

FACILITIES
10. Full Mission Bridge Simulator (Kongsberg Polaris)
10. Immersion pool
10. Desktop simulators
11. Multi-purpose Emergency Response Training Simulator (MERTS)
11. Engineering workshops
11. Tug-optimised bridge
11. Vessel
AMSA APPROVED SHORT COURSES

SAFETY AND SURVIVAL

Safety Training Certification Skill Set (CoST)
STCW Reg VI/1. MARSS00007
The AMSA issued Certificate of Safety Training is the minimum mandatory requirement in order to serve on board vessels in international waters. CoST incorporates the following training courses:

- Basic Fire Prevention and Fire Fighting*
- Personal Survival Techniques*
- Personal Safety and Social Responsibilities*
- Security Awareness Training*

* Complete this training as an individual course or through the full CoST.

Safety Training Certification Skill Set (CoST) Revalidation
Relevant competencies from STCW Tables A-VI/1-2 and A-VI/1-1
The CoST revalidation course is designed for seafarers who do not hold the qualifying sea service and therefore need to undertake the Personal Survival Techniques, Basic Fire Fighting and Fire Prevention training in order to demonstrate continued competence.

Certificate of Safety Training (CoST) Continued Competence Refresher Training
Relevant competencies from STCW Tables A-VI/1-1 and A-VI/1-2
The CoST refresher training course is designed to meet the mandatory Sea Survival, Basic Fire Prevention and Fire Fighting continued competency requirements for current seafarers with qualifying sea service.

Certificate of Competency (CoC) Continued Competence Refresher Training
Relevant competencies from STCW Tables A-VI/1-1, A-VI/1-2, A-VI/2-1 and VI/3
The Certificate of Competency (CoC) Continued Competence Refresher Training is designed for holders of an AMSA issued Certificate of Competency (Master, Deck and Engineer Officers). The course meets the mandatory Sea Survival, Basic and Advanced Fire Fighting, and Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC) continued competency requirements for current seafarers with qualifying sea service.

Certificate of Proficiency (CoP) Rating Continued Competence Refresher Training
Relevant competencies from STCW Tables A-VI/1-1, A-VI/1-2 and A-VI/2-1
The Certificate of Proficiency (CoP) Rating Continued Competence Refresher Training is designed for holders of an AMSA issued Certificate of Proficiency as Rating (Integrated Rating, Able Seaman, Deck Rating or Engine Room Rating). The course meets the mandatory Sea Survival, Basic Fire Prevention and Fire Fighting, and Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC) continued competency requirements for current seafarers with qualifying sea service.
Personal Safety and Social Responsibilities (PSSR)
STCW Reg VI/1 Code A-VI/1 Table A-VI/1-4. MARF006 - Observe personal safety and social responsibility
This course provides mandatory minimum training in personal safety and social responsibility on board a vessel and is one of the components required to obtain an AMSA issued Certificate of Safety Training.

Personal Survival Techniques (PST)
STCW Reg VI/1 Code A-VI/1 Table A-VI/1-1. MARF009 - Survive at sea in the event of vessel abandonment
Learn the skills and techniques required for personal survival at sea. This course is one of the components required to obtain an AMSA issued Certificate of Safety Training.

Certificate of Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats (CPSC)
STCW Reg VI/2 Code A-VI/2 Table A-VI/2-1
Gain the skills and knowledge required to perform survival craft operations as required during onboard emergency response situations.

FIRST AID

Elementary First Aid
STCW Reg VI/1 Code A-VI/1 Table A-VI/1-3
Gain the skills to undertake the initial management of injuries and illnesses occurring within the workplace, home, recreational and remote settings.

SECURITY

Security Awareness Training (SAT)
STCW Code Section A-VI/6 para 4. MARF003 - Follow vessel security procedures
This course is one of the components required to obtain an AMSA issued Certificate of Safety Training, and covers maritime security policy and responsibilities, threat identification, recognition and response, ship security actions and emergency preparedness. It is mandatory for all seafarers with AMSA certificates to hold Security Awareness endorsement.

Ship Security Officer (SSO)
STCW Reg V/5
Under the terms of the ISPS Code, shipping companies are required to designate a Ship Security Officer. This course is designed to provide instruction and proficiency in compliance with the ISPS Code for Ship Security Officers.

ELECTRONIC CHART DISPLAY INFORMATION SYSTEM

ECDIS
STCW Reg II/1 & II/2. MARH009 - Use an electronic chart display and information system to navigate safely
The Electronic Chart Display Information System (ECDIS) course provides the knowledge, skills and understanding of ECDIS and electronic charts to the thorough extent needed to safely navigate vessels whose primary means of navigation is ECDIS.

FIRE

Basic Fire Prevention and Fire Fighting
STCW Reg VI/1 Code A-VI/1 Table A-VI/1-2. MARF008 - Prevent and fight fires on board a vessel
Develop skills in the operation of fire fighting equipment and actions to be taken in the event of a fire on board a ship. This course is one of the components required to obtain an AMSA issued Certificate of Safety Training (CoST), which is the minimum mandatory qualification required to serve on board vessels in international waters.

Advanced Fire Fighting
STCW Reg VI/3 and Code Section A-VI/3, Table A-VI/3. MARF011 - Manage firefighting and fire prevention activities on board a vessel
This course provides participants with the skills and knowledge required to respond effectively as a key member of the on board command fire fighting team. You will learn to manage shipboard fire prevention, coordinate tactical fire fighting, and use and maintain fire fighting and fire detection equipment carried on merchant vessels.

Visit gbrimc.com.au or email marine.north@tafe.qld.edu.au for costs, dates and course pre-requisites | 5
OTHER SHORT COURSES

COMMUNICATIONS

Marine Emergency Care, Craft and Communication (GMDSS)
STCW Reg IV/2. MAR003 - Transmit and receive information by the global maritime distress and safety system
Gain the skills and knowledge to operate GMDSS equipment including digital selective calling techniques for communication using MF, HF and VHF radiotelephone, HF radio telex and satellite communication using INMARSAT-C ship earth stations. This course complies with Australian Maritime Safety Authority, Marine Order 70 (Seafarer Certification) 2014, Section 21A.

Global Maritime Distress Safety System (GMDSS) Revalidation
Relevant competencies from STCW Table A-IV/2
This course complies with Australian Maritime Safety Authority, Marine Order 70 (Seafarer Certification) 2014, Section 25A, where requirements for revalidation of a GMDSS Radio Operators Certificate (ROC) specify completion of an approved revalidation course.

Marine Radio Operator’s VHF and HF Skill Set (LROCP)
MAR043 from MARSS00010
Long Range Operators Certificate of Proficiency (LROCP) is for operating both Very High Frequency (VHF) short range radios and Medium Frequency/High Frequency (MF/HF) radios (which are designed for long range transmission).

Marine Radio Operator’s VHF Skill Set (SROCP) - previously (MROVCP)
MAR044 from MARSS00011
Short Range Operators Certificate of Proficiency (SROCP) is designed for those who are only carrying and/or operating a Very High Frequency (VHF) short range radio.

FIRST AID

Provide First Aid
HLTAID003
Gain the skills to undertake the initial management of injuries and illnesses occurring within the workplace, home, recreational and remote settings.

TRAIN THE SIMULATOR TRAINER AND ASSESSOR

Train the Simulator Trainer and Assessor
STCW Reg I/6, STCW A-I/6, STCW Reg I/12, STCW A-I/1
This course provides the knowledge and skills for trainers to administer, supervise, and assess training and learning facilitated using simulators. The course content is based on IMO Model Course 6.10 – Train the simulator trainer and assessor, and meets the requirements of STCW Regulation I/6, STCW Code A-I/6 and STCW Regulation I/12, STCW Code A-I/1.

Visit gbrimc.com.au or email marine.north@tafe.qld.edu.au for costs, dates and course pre-requisites
PASSENGER SAFETY TRAINING

Crisis Management
STCW Reg V/2 & Code Section A-V/2 para 4, Table A-V/2-2
This course covers the minimum standard of competence for masters, chief mates, chief engineers, second engineer officers and any other person assigned immediate responsibility for embarking and disembarking passengers, for loading, discharging or securing cargo, or for closing hull openings and any other person having responsibility for the safety of passengers in emergency situations.

Crowd Management
STCW Reg V/2 & Code Section A-V/2, para 2 & 3, Table A-V/2-1
This course provides participants with the skills to be able to control a crowd in an emergency situation on board, locate essential safety and emergency equipment on board, communicate effectively with passengers during an emergency, demonstrate the use of personal life-saving appliances and comply with the ship’s safety and emergency procedures.

SAFETY AND SURVIVAL

Shipboard Safety Skill Set
NSCV Table 2 Elements of Shipboard Safety (ESS), MARSS00008
Learn survival techniques and safe working procedures for emergency situations on board a vessel including basic fire fighting and use of a survival craft in the event of vessel abandonment. Successful completion of this course is mandatory for anyone working on board commercial vessels.

MARINE SAFETY

Exemption 38 - Marine Safety (Low Complexity Duties) Exemption 2017
This course is designed for participants who are required to command or operate a vessel <12m long with inboard engines <100kw or outboard engines <250 kw, vessels operating in a marina, vessels operating 1 nautical mile from shore or in waters within 250m of a structure fixed to the shore, and vessels that are used for towing persons (Waterski).

YACHTS

Master of Yachts Limited (200 Tons) / Master up to 24 metres Crossover
The IYT Master of Yachts courses have become the most globally accepted courses for the operation of commercial yachts up to 200 Tons. Recognition by 25 Governments has placed IYT MOY 200 Ton accreditation at the forefront as the global standard of certification.

TUGS

Tug and Barge Master General Operators Course
This course is designed to help participants to assist owners and operators engaged in towage work, or harbour masters, contractors and others when risk assessing towage operations; and enable individuals to demonstrate that they are suitably competent to carry out such work.

Visit gbrimc.com.au or email marine.north@tafe.qld.edu.au for costs, dates and course pre-requisites | 7
**Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)**
MAR10418
Gain the skills you need to command a commercial vessel (up to 12m in length, not carrying passengers) and operate this vessel in sheltered waters within three nautical miles of a parent vessel within the Exclusive Economic Zone (EEZ).

**Job prospects** | Deckhand/Master of vessels up to 12m (restrictions apply)

**Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)**
MAR20318
Advance your maritime career and learn skills that will help you become a Coxswain of commercial vessels up to 12m long. This course will teach students how to operate and maintain auxiliary marine engine systems, how to plan and navigate a passage and how to operate inboard and outboard motors.

**Job prospects** | Deckhand/Master of vessels up to 12m

**Certificate I in Maritime Operations (General Purpose Hand Near Coastal)**
MAR10318
This course is the perfect introduction if you’re interested in working in the maritime industry and covers emergency vessel procedures, nautical terminology and practical seamanship. Students who obtain this qualification are eligible to work on commercial vessels as a General Purpose Hand on deck or in the engine room. This qualification is also a great gateway to further study with the GBRIMC.

**Job prospects** | General Purpose Hand/Deckhand

**Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)**
MAR30918
This course will teach you how to operate propulsion systems, steering and navigation systems, radar and other electronic navigation equipment, radio systems and safety management equipment as well as maintenance on most aspects of a vessel.

**Job prospects** | Master of vessels up to 24m / Mate of vessels up to 35m
Certificate IV in Maritime Operations (Master up to 35 metres Near Coastal)
MAR40618
This qualification is open to highly experienced seafarers who have acquired a significant amount of sea time and want to apply for a Certificate of Competence as a Master <35m Near Coastal. During this course, you will learn how to forecast the weather and predict ocean conditions, manage a small crew and act as a chief mate on a vessel up to 80m long.
Job prospects I Master of vessels up to 35m / Mate of vessels up to 80m

Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)
MAR20418
This qualification will enable you to obtain a licence to allow you to act as a Chief Engineer on a vessel with propulsion power up to 500kW or as a Second Engineer on a vessel with propulsion power up to 750kW in the Exclusive Economic Zone. Learn how to work in an engine room, service and maintain internal combustion engines and operate deck machinery.
Job prospects I Chief Engineer on vessels up to 500kW / Second Engineer on vessels up to 750kW

Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
MAR30818
Learn to operate and maintain equipment in larger vessels. This qualification will enable you to obtain a licence to allow you to act as a Chief Engineer on a vessel with propulsion power up to 750kW or as a Second Engineer with propulsion power up to 1500kW in the Exclusive Economic Zone.
Job prospects I Chief Engineer on vessels up to 750kW / Second Engineer on vessels up to 1500kW

Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)
MAR40518
Enhance your knowledge and practical skills when working on large vessels. Not only will you hone your skills in the engine room, you’ll also learn to manage a vessel’s stability, manage refuelling and how to maintain machinery and structural components. This qualification will enable you to obtain a licence to allow you to act as a Chief Engineer on a vessel with propulsion power up to 1500kW or as a Second Engineer on a vessel with propulsion power up to 3000kW in the Exclusive Economic Zone.
Job prospects I Chief Engineer on vessels up to 1500kW / Second Engineer on vessels up to 3000kW

Certificate III in Maritime Operations (Marine Cookery)
MAR30415
Get specialised skills that will help you become a professional cook or chef in the maritime industry. This course will teach you how to organise and prepare food, understand the basic methods of cookery and hygiene, and how to safely work on board a vessel. This course complies with Australian Maritime Safety Authority, Marine Order 70 (Seafarer Certification) 2014, Section 23.
Job prospects I Marine Cook
FACILITIES

As a student of GBRIMC, you’ll have access to an extensive range of fully equipped, state-of-the-art training resources.

A qualified team of industry professionals with years of maritime experience will provide you with the skills and training to carry out simulated exercises supported by comprehensive safeguards and procedures.

FULL MISSION BRIDGE SIMULATOR (KONGSBERG POLARIS)

Our Kongsberg Polaris simulator is STCW and DNV compliant. The bridge is equipped with Electronic Chart Display (ECDIS), AIS, Radar and the controls required to operate a range of propulsion and steering systems.

A comprehensive library of ships and port area models are available. Additional ship models can be sourced if required.

IMMERSION POOL

Used for sea survival training, the on-site immersion pool measures 15 metres x 10 metres and is four metres deep. The immersion pool allows you to simulate emergency procedures including the launch and operation of life-rafts and use of on-board lifesaving equipment for survival techniques and ocean rescues.

DESKTOP SIMULATORS

The eight desktop simulators are operated from a separate instructor station utilising the same Kongsberg system.

Each simulator has single channel visuals, ECDIS, Radar, AIS and electronic replication of the standard controls and instrumentation found on a ship’s bridge.

Visit gbrimc.com.au or email marine.north@tafe.qld.edu.au for costs, dates and course pre-requisites
MULTI-PURPOSE EMERGENCY RESPONSE TRAINING SIMULATOR (MERTS)

This “ship ashore” facility provides a variety of training opportunities including real time fire-fighting, leak stopping (damage control) and crew emergency response training. The MERTS is a three deck complex complete with an engine room, switchboard, galley, cabin, floodable compartment and store room. Training is supported by a fully qualified team with comprehensive safeguards and procedures.

ENGINEERING WORKSHOPS

The workshops feature an extensive range of equipment for a variety of training purposes including welding, marine refrigeration and electrical maintenance.

Additionally, there is a small vessel engine room for maintenance and operational training.

TUG-OPTIMISED BRIDGE

Our stand alone Kongsberg Tug simulator is ideally suited for ASD Tug training. This simulator can work / in conjunction or separate to the Full Mission Bridge Simulator.

VESSEL

Our 20 metre commercially registered vessel “MV Gwendoline May” is configured to meet the practical requirements of relevant training programs in the maritime industry that GBRIMC is approved to deliver.

Visit gbrimc.com.au or email marine.north@tafe.qld.edu.au for costs, dates and course pre-requisites
CONNECT WITH US
+61 7 4041 9813 | 1300 308 233
marine.north@tafe.qld.edu.au
gbrimc.com.au

DISCLAIMER: The information contained in this Course Guide is correct at the time of printing. The requirements of each qualification is reviewed via the regulator (ASQA) to ensure they reflect current industry practices. When superseded, the qualification codes will change to reflect the latest version. For the latest information regarding qualifications registered to TAFE Queensland North Region please visit www.gbrimc.com.au.

The materials presented in this publication are distributed by TAFE Queensland North Region as an information source only. The information and data included in this publication is subject to change without notice. TAFE Queensland North Region makes no statements, representations, or warranties about the accuracy or completeness of, and you should not rely on, any information contained in this publication.

TAFE Queensland North Region disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages, and costs you might incur as a result of the information in this publication being inaccurate or incomplete in any way and for any reason. Great Barrier Reef International Marine College holds an AMSA Certificate of Approval to conduct final assessments. Visit amsa.gov.au for more information.