Singapore Maritime Academy: Building Skills That Shape Your Course

Course Calendar



© 2026 Singapore Polytechnic

Charting Your Future In Maritime



Capt. Chatur Wahyu
Director, Singapore Maritime Academy

As a premier institution for applied learning and industry collaboration, Singapore Polytechnic (SP) supports our students in developing the knowledge and capabilities to thrive in a rapidly changing and increasingly challenging arena.

At the Singapore Maritime Academy (SMA), we provide individuals with a top-notch, practical, and outcome-focused education designed to get them work-ready and world-ready.

Through a cutting-edge curriculum that includes research and partnerships with global maritime leaders, we are building a new wave of maritime professionals who are ready for what's next.

© 2026 Singapore Polytechnic

Why Partner with SMA as a Training Provider?

Industry-Aligned Training for Maritime Excellence

The Singapore Maritime Academy (SMA) is a strategic training partner for organisations looking to upskill their workforce, enhance operational safety, and drive maritime innovation. With strong industry collaborations, cutting-edge research, and immersive training methodologies, SMA ensures that professionals in the maritime sector are equipped with the latest skills and expertise.

01 Industry-Aligned Training for Maritime Excellence

SMA collaborates with renowned industry leaders and regulatory bodies, ensuring that its training programmes meet global maritime standards. Partnerships with organisations such as Kongsberg, Wartsila, Vopak Terminal, and Fortescue enable SMA to deliver training that aligns with real-world industry needs.

Through these collaborations, SMA stays at the vanguard of maritime safety, sustainability, and operational efficiency, helping companies develop a workforce that can navigate the challenges of an evolving industry.

02 Applied Research & Innovation in Maritime Safety

SMA is actively involved in applied research projects that shape the future of maritime training. **In partnership with the Centre of Excellence in Maritime Safety (CEMS), SMA develops Virtual Reality (VR) training programmes that prepare professionals for high-risk situations, including:**

- **LNG gas leakage detection**
- **Methanol leakage and spill response**
- **Fire safety and emergency protocols**
- **Freefall lifeboat launching simulations**

These research-driven training initiatives enhance learning retention, improve decision-making under pressure, and promote a safety-first culture in the maritime industry.

© 2026 Singapore Polytechnic

03 State-of-the-Art Training Facilities

SMA's world-class simulators and training environments provide hands-on learning experiences that closely replicate real-life maritime operations. **Trainees benefit from:**

- **Full-Mission Navigation Simulators for ship-handling and crisis management**
- **Advanced Engine Room Simulators for machinery diagnostics and operational control**
- **e-Navigation Centre for digital maritime operations training**
- **Maritime Business Centre for shore-based industry exposure**
- **Marine Workshop and Engineering Labs for hands-on technical skills development**

These facilities, combined with expert faculty and industry trainers, create a learning experience that is engaging, relevant, and aligned with current industry standards.

04 Flexible and Customisable Training Programmes

SMA understands that organisations have unique training needs. That's why it offers:

- **Part-time Diplomas & Specialist Diplomas for in-depth professional development**
- **Short Modular Courses for targeted skill-building**

With a focus on customised, competency-based learning, SMA enables companies to train their workforce efficiently while minimising operational downtime.

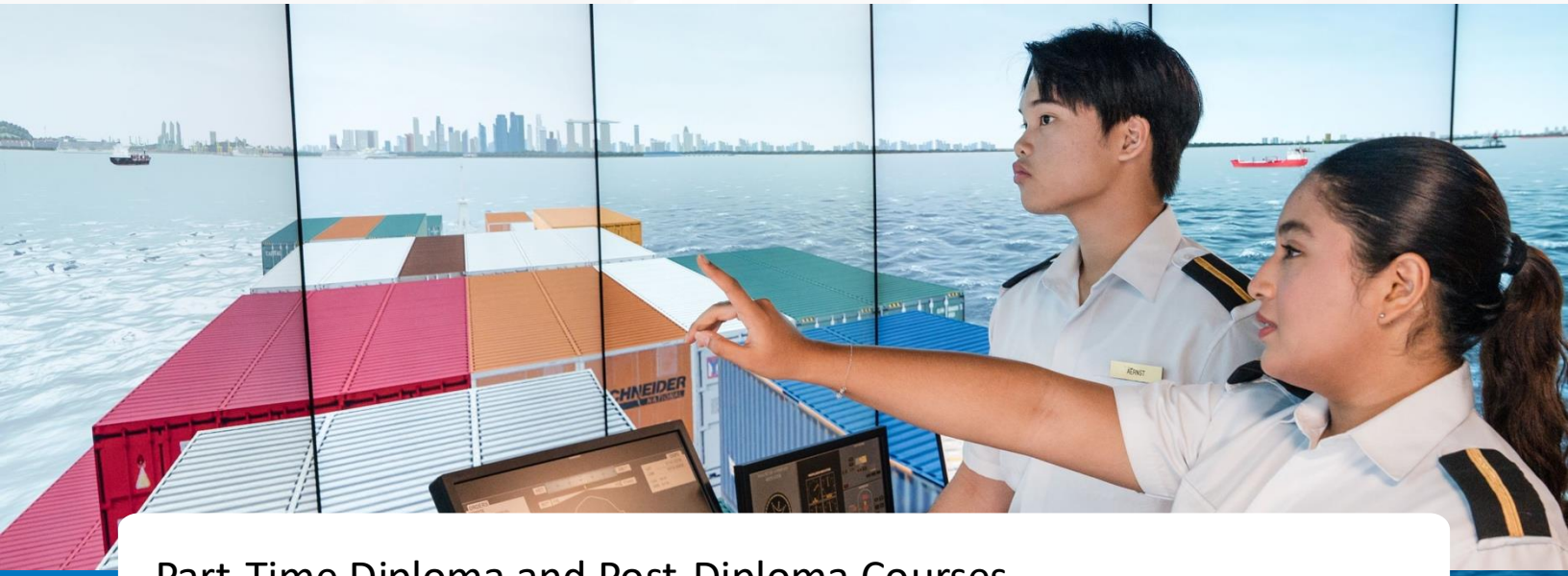
Future-Ready Training for the Maritime Sector

By partnering with SMA, organisations gain access to the latest industry expertise, world-class training facilities, and research-driven methodologies that prepare maritime professionals to excel in an increasingly complex global industry.

© 2026 Singapore Polytechnic

Course Overview and Schedules

The Singapore Maritime Academy (SMA) at Singapore Polytechnic offers a comprehensive range of courses tailored to meet the diverse needs of the maritime industry. Below is an overview of the available programmes:



Part-Time Diploma and Post-Diploma Courses

Course	Duration
Specialist Diploma in Maritime Superintendency	285 hours / 1 year
Diploma in Maritime & Offshore Management	270 hours / 1 year
Diploma (Conversion) in Maritime Business Management	270 hours / 1 year

© 2026 Singapore Polytechnic

Short & Modular Courses

Course	Duration
Class 1 Boiler Attendant Course	36 hours
Class 1 Boiler Attendant Examination	3 hours
Application for COC Class 1 Boiler Attendant	Nil
Class 2 Boiler Attendant Course	36 hours
Class 2 Boiler Attendant Examination	3 hours
Application for CoC Class 2 Boiler Attendant	Nil
Application for CoC 2nd Grade Steam Boiler Engineer	Nil
Class 1 & 2 (Deck Officer) Certificate of Competency Preparatory Course	9 months
Class 3 (Deck Officer) Certificate of Competency Preparatory Course	9 months
Deck Officer Class 2/1 Refresher and Updating / Class 1 Orals and Shiphandling Course	TBA
Class 3 Deck Refresher and Updating Course (Classroom, Synchronous e-learning)	198 hours

© 2026 Singapore Polytechnic

Short & Modular Courses

Course	Duration
Navigation Auditor Course	16 hours
Operational Use of Electronic Chart Display and Information Systems (ECDIS)	40 hours / 5 days
Shipping Industry Knowledge	14 hours
Electronic Navigation System for SMA CoC3 Students	TBA
Bridge Navigation and Communication Equipment Familiarisation	14 hours
Basic Training for Service on Ships Subject to the IGF Code	24 hours / 3 days
Advanced Training for Service on Ships Subject to the IGF Code	38 hours
Safety Awareness for LNG-Fuelled Vessels (Theory) (Asynchronous e-learning)	30 hours
Liquefied Natural Gas (LNG) Bunkering Course (Support and Emergency Level)	16 hours / 2 days
Liquefied Natural Gas (LNG) Bunkering Course (Management and Operational Level) (Classroom and Synchronous)	33 hours / 4 days
Awareness and Familiarisation of Handling Methanol as Fuel (Asynchronous e-learning)	18 hours
Basic Training For Handling of Methanol as Fuel for Maritime Personnel	10 hours / 1 day
Advanced Training for Handling of Methanol as Fuel for Maritime Personnel	16 hours/ 2 days
Bridge and Engine Room Resource Management (Management and Leadership Skills)	4 days
Bridge and Engine Room Resource Management (Operational)	24 hours / 3 days
Team Survival at Sea: Skills for Safety and Collaboration	10 hours
Graduate Mechanical Engineer (Certificate of Competency Class 5 Marine Engineer Officer Preparatory Course)	816 hours

© 2026 Singapore Polytechnic

Short & Modular Courses

Course	Duration
CoC Class 1 Marine Engineer Officer (Orals) Course	160 hours / 15 days
Marine Engineer Officer (MEO) Class 2 & 1 Part B Preparatory Course	8 months
Maintenance of Marine Electrical, Electronic & Automation System	32 hours / 4 days
High Voltage Installations Management	24 hours / 3 days
High Voltage Installations Operation	12 hours / 1 day
Boat Engine Maintenance	14 hours
Basic Occupational Safety and Security Training	68 hours / 9 days
Emergency Occupational Safety and Survival Revalidation Course	12 hours / 2 days
Advanced Training in Fire Fighting	40 hours / 5 days
Proficiency in Survival Craft and Rescue Boat – Other than a Fast Rescue Boat	40 hours / 4 days
Global Maritime Distress and Safety System General Operator's Certificate of Competency	82 hours / 11 days
Refresher Course for the Global Maritime Distress & Safety System (GMDSS) – General Operator Certificate (GOC)	24 hours
Pleasure Craft Marine Communications and Helicopter Rescue	4 hours
Proficiency in Designated Security Duties	10.5 hours
Ship Security Officer	16 hours
Prevention and Response to Violence and Harassment, Including Sexual Harassment, Bullying and Sexual Assault (SASH) in the Maritime Sector (Asynchronous e-learning)	4 hours

© 2026 Singapore Polytechnic

Short & Modular Courses

Course	Duration
Advanced Training for Liquefied Gas Tanker Cargo Operations	60 hours / 8 days
Advanced Training for Chemical Tanker Cargo Operations (Classroom and Synchronous e-learning)	60 hours
Advanced Training for Oil Tanker Cargo Operations	60 hours
Advanced Training for Oil Tanker Cargo Operations (Classroom & Synchronous)	60 hours
Powered Pleasure Craft Driving Licence	20 hours
Powered Pleasure Craft Driving Licence (PPCDL English Theory Test)	1 hour
Powered Pleasure Craft Driving Licence (PPCDL Mandarin Theory Test)	1 hour
PPCDL Oral Exam	1 hour
Powered Pleasure Craft Driving Licence (PPCDL) Handling Assessment	2 hours
Advance PPCDL Course	20 hours

© 2026 Singapore Polytechnic

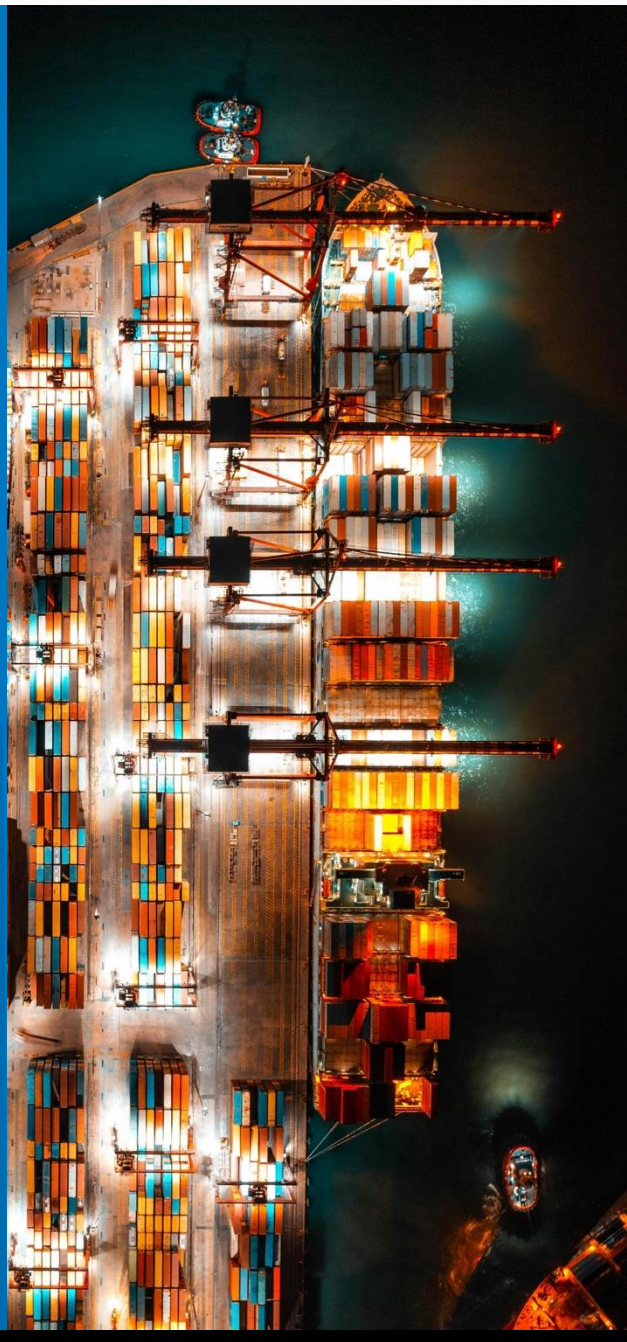
Grant Information

Singapore Polytechnic offers various funding and subsidy options to help individuals and corporate trainees upskill and advance their careers in the maritime industry.

Depending on the course, funding incentives may include:

- **Courses offered by SSG-appointed CET Centres** – Government-supported courses under Singapore's Continuing Education and Training (CET) framework
- **Certifiable courses** – Recognised programmes eligible for specific funding support
- **Non-funded courses** – Specialised training programmes that do not qualify for government subsidies

For full details on eligibility, funding schemes, and application procedures, please visit SP's Funding Incentives page.



© 2026 Singapore Polytechnic

SP SMA

SINGAPORE MARITIME ACADEMY

SP Polytechr