

CONTINUING EDUCATION: COURSES INVENTORY 2020-2022

* Colleges/Centres

CALE	College of Arts, Law and Education	IMAS	Institute for Marine and Antarctic Studies
COBE	College of Business and Economics	IMOS	Integrated Marine Observing System
COHM	College of Health and Medicine	UC	University College
COSE	College of Science and Engineering		

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Healthcare Redesign	MOOC	Ongoing	COHM				In Australia, and around the world, demand for healthcare services is escalating amidst pressures to do more with less – this calls for using existing resources more efficiently. It is important, however, that improved efficiencies do not result in reduced patient-centered care. We need to maintain quality improvement using current evidence, participatory approaches, and ensure that we evaluate services, policies and programs. This course prepares you to lead the positive change you want to see in healthcare service delivery and is aimed at health professionals in any health discipline.	Not sustainability related
Preventing Dementia	MOOC	Ongoing	COHM	Wicking Dementia Centre			With the ageing of the world's population, dementia is a major public health issue. Is it possible to modify your risk of dementia? A substantial proportion of risk is associated with advanced ageing as well as genetic risk factors, but the latest research has indicated there are modifiable risk factors which may decrease your susceptibility to dementia. The Preventing Dementia MOOC investigates the best available evidence about dementia prevention, drawing on a range of expertise from around the globe.	Not sustainability related
Understanding Dementia	MOOC	Ongoing	COHM	Wicking Dementia Centre			Understanding Dementia addresses the foremost issues surrounding dementia, providing avenues for discussion as well as rich global networking opportunities to engage with this major international health Issue. The course provides knowledge designed to maximise quality of life across the trajectory of dementia for people with the condition, their families and carers.	Not sustainability related
Understanding Multiple Sclerosis (MS)	MOOC	Ongoing	COHM	Menzies Institute for Medical Research		Wicking Dementia Research and Education Centre	Understanding Multiple Sclerosis (MS)' is a free online course that aims to improve understanding and awareness of MS. Members of the public will increase their knowledge of MS-related issues and those in the MS Community will be empowered to create and contribute to personalised MS management plans.	Not sustainability related
Understanding Traumatic Brain Injury (TBI)	MOOC	Ongoing	COHM	Wicking Dementia Centre			Traumatic brain injury is often described as a silent epidemic, with approximately 69 million cases occurring worldwide each year. The Understanding TBI MOOC is a free online course that aims to raise awareness and build knowledge to reduce risk, as well as improve management and rehabilitation outcomes for people who have experienced a TBI.	Not sustainability related

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Understanding Gifted Learners: Busting the Myths	Short course	2020	CALE	School of Humanities	Philosophy & Gender Studies		Across Australia, gifted people make up approximately 10% of our population - whether it be within your own family, a school, university, the workplace, or elsewhere in the community. You may not even realise they're there! This fully online 5-week short course will broaden your understanding of what it means to be gifted and help shape the way you interact with the gifted learners who may be in your world. You will explore the unique characteristics, and other highly relevant aspects of gifted learners, and discover why there is not 'one size fits all' as you debunk some of the most common related myths and misconceptions.	Not sustainability related
Not-for-Profit Board Governance	Short course - Business to Business	2020	CALE				The Not-for-Profit Board Governance short course is designed to strengthen your understanding of the regulatory compliance environment as it applies to the sector as well as provide you with the knowledge and practical governance tools that can be applied immediately. Upon completion you will have developed the insight and skill-set to enable you to navigate legal and governance issues whilst also increasing confidence to grow your career within the boardroom.	Not sustainability related
Essential Aspects of Export Trade	Short course	Ongoing	COBE	Tasmanian School of Business and Economics			International export trade has a rich history in countries all around the world. From humble beginnings with a simple barter system, export trade has since become a vital way for the world to exchange goods and services that would otherwise be unavailable. In this introductory course you will learn about export trade and the specific regulations to consider when exporting to and from Tasmania and broader Australia. You'll discover how to develop contractual relationships with importers, carriers and agents, and learn how to identify key issues relevant to the development of an export trade plan. Informed by industry experts, this course is your opportunity to learn how to coordinate an international export trade business, while navigating through some of the most common industry challenges.	Not sustainability related
Understanding Financial Statements: An introduction	Short course	Ongoing	COBE	Tasmanian School of Business and Economics			Financial statements are critical documents for small business owners, company directors, board members, investors and the public to enable them to understand an organisation's financial performance and financial position. Measures derived from the practice of financial accounting permeate throughout society. It is common to read about the 'profits' of various organisations in the news media, as well as about the total liabilities, total assets, total equity, expenses and income of an organisation. The skills and knowledge delivered by the Understanding Financial Statements short course will help you understand what these terms, and the numbers behind them, represent.	Not sustainability related
Shared Transfer of Care	Short course	Ongoing	COHM	Medicine		Primary Health Tasmania	The Shared Transfer of Care eLearning course is designed for health professionals working with people with chronic and complex health needs. These consumers can experience multiple transfers across the health sector, leading to a higher risk of adverse events, with an impact on health outcomes and a reduction in wellbeing and trust in the system. The course supports health professionals to acquire the knowledge and skills to implement quality shared transfers of care.	Not sustainability related

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Introduction to Digital Health	Short course	Ongoing	COHM				<p>Digital health is connecting millions of people to health services across all around the world. As technologies continue to advance, health services are constantly changing and evolving to meet the needs of health workers and consumers.</p> <p>This course will provide you with an introduction to digital health and how technology is being used to support the safe delivery of health services. You will learn how digital technologies can support the collection and communication of health data and information. Other key topics in the course will also include an introduction to telehealth, digital health privacy, digital health security, and data analytics. Specific technologies are explored, including Australia's My Health Record, mobile applications, and wearable technology.</p>	Not sustainability related
Managing Health Data Privacy	Short course	Ongoing	COHM				<p>The advancement of technologies in health has led to an increase in reportable data breaches and cyber security attacks in Australia and around the world. With the COVID-19 pandemic increasing the demand for more online health services, there are ongoing concerns regarding the privacy of patient information. As a result, there is global push for the health sector to ensure the secure protection of public health data.</p> <p>In this course you will learn about data privacy and security when using technologies in the health sector. You will also examine the ways that both individuals and health professionals can keep their private information secure and reduce the risk of a cyber-attack.</p>	Not sustainability related
Understanding Health Data & Analysis	Short course	Ongoing	COHM				<p>Using health care data to guide and inform decisions has been more important than ever during the COVID-19 pandemic. Yet, it has also highlighted to many individuals and health professionals that there is a prevalent need to increase data literacy skills to be able to interpret data and statistics. In this course you will learn how to perform basic data analysis using descriptive statistics, learn how to select the best format to present your data, and improve your ability to interpret data visualisations. You will also learn ways data can be used to gather community insights, analyse emerging health trends, formulate and share predictions, and assist health professionals to make evidence-based recommendations.</p>	Not sustainability related
Telehealth to support remote healthcare	Short course	Ongoing	COHM				<p>The COVID-19 pandemic has highlighted many issues with remote health in Australia. Australians now find themselves faced with the same issues that our remote and isolated communities have been long term battling; how can I access quality health services when you cannot be physically present for your appointment? This course will provide you with an introduction to telehealth and the new ways technology can be used to access and support the delivery of health services. You will learn about the operational, functional and financial aspects of using telehealth and other technologies that help support people living in rural, remote or isolated circumstances. You will also examine how telehealth is shaping health all around the world and paving a new way of how health care will be delivered into the future.</p>	Sustainability inclusive

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Conducting High-quality Health Research	Short course	Ongoing	COHM				<p>This course will give you a crucial understanding of what goes into completing high-quality health research projects so you have the knowledge and skills required to undertake important health research.</p> <p>This course fills the knowledge gap by providing a basic, yet critical, understanding of what is needed from the start to the finish of a high-quality research project.</p> <p>As a course participant, you will learn the complete timeline of a project, including key milestones to aim for along the way. You'll be guided through the first steps of finding mentors, formulating a research question and reviewing literature. You'll also learn about integrity, ethics, study design, authorship and more.</p>	Not sustainability related
Enrolled Nurse Advance Practice	Short course	2020	COHM	Nursing	Nursing		<p>This interactive workshop presented by a group of expert clinicians is designed to extend your skills and knowledge in challenging scenarios applicable to a variety of settings.</p> <p>The first session will address clinical practice development during which we will review primary and secondary systems assessment and discuss rapid assessment of the deteriorating patient in challenging scenarios when you do not have much time. Using guided simulation case scenarios, you will have the opportunity to discuss and practice management of patients who present with respiratory distress, experience a sudden change of conscious state or develop an acute onset of heart failure.</p> <p>In session two, you will review medication management with topics including polypharmacy in the elderly, prevention of drug errors, interactions and unwanted secondary effects of medications. A session on diabetes will address insulin type and hypoglycemic agents as well as the management of diabetic emergencies.</p> <p>To conclude there will be an interactive session which provides you with strategies to manage difficult behaviours, common work stressors and how to take care of ourselves.</p>	Not sustainability related
Outbreak Management	Short course - Business to Business	2021	COHM				<p>This course will provide you with a background in effective outbreak response. You will gain the skills and knowledge required to respond to communicable disease outbreaks and other public health incidents.</p> <p>This includes: the ten steps of outbreak investigations; assessment of public health surveillance data and intelligence; using risk assessment frameworks; applying appropriate epidemiological, environmental and laboratory evidence; risk communication principles; and appropriate interventions to control outbreaks.</p>	Not sustainability related
Basic Assessment and Support in Intensive Care	Short course	Ongoing	COHM	Medicine			<p>The course is designed to prepare participants in the assessment and practical management of the seriously ill patient in the acute medical environment.</p>	Not sustainability related
Regional Anaesthesia Workshop	Short course	Ongoing	COHM	Medicine			<p>This practical workshop has been designed for Medical Professionals wishing to further develop their skills in administering regional anaesthesia. Participants will be offered the unique opportunity to practice procedures using fresh frozen human cadavers at practical skill stations with guidance from Anaesthetists and other experts.</p>	Not sustainability related
Procedural Skills for Abdominal Emergencies	Short course	Ongoing	COHM	Medicine			<p>This practical workshop has been designed for Medical Practitioners wishing to further develop their skills in assessing and managing Appendicitis. Participants will be offered the opportunity to observe and practice operative techniques which will be performed on fresh human cadavers.</p>	Not sustainability related

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Medical Care for Offshore and Inland Waters Course	Short course	Ongoing	COHM	Medicine			These eight-day intensive and practical residential courses are now being offered by the University of Tasmania as stand-alone courses or as an elective unit as part of the Healthcare in Remote and Extreme Environments program. These courses provide both theoretical and practical coverage of the following topics: Pre-trip planning and medical kits; Telemedicine and maritime support; Environmental medicine (marine envenomation, cold water immersion, drowning, hypothermia); Maritime Search and rescue; Maritime occupational health; Shipboard safety and emergency drills; Casualty extrication and transfer; Diving and free-diving in remote areas; VHF radio communications; Navigation and meteorology; Swift water safety and rescue	Not sustainability related
Expedition Medicine	Short course	Ongoing	COHM	Medicine			This course provides both theoretical and practical coverage of the following topics: Pre-expedition planning and medical kits; Wilderness emergency medical response; Environmental medicine (cold injury, high altitude medicine and avalanche burial and rescue); Search and rescue; Steep terrain rescue; Use of stretchers and splints; Leadership and teamwork; Remote area communications; Navigation	Not sustainability related
Applied Surgical Anatomy: Brain and Spinal Cord Regions	Short course	Ongoing	COHM	Medicine			Attendees will have the opportunity to participate in a combination of interactive small group skill stations to explore brain and spinal cord anatomy in relation to surgical procedures. A combination of dynamic and still intraoperative images, radiological exhibits and prosected human cadavers will be used to facilitate learning	Not sustainability related
Basic Neurosurgical Skills Course	Short course	Ongoing	COHM	Medicine			The focus is on common neurosurgical pathologies and basic procedural skills.	Not sustainability related
Emergency Dentistry	Short course	Ongoing	COHM	Medicine			This practical workshop has been designed for Medical Practitioners and Paramedics wishing to further develop their skills in the provision of emergency dental care in the out of hospital setting. This interactive workshop will include hands on scenarios using various simulation modalities.	Not sustainability related
IMOS Marine Data and Science	Short course	Ongoing	COSE	IMAS	Oceans and Cryosphere	IMOS, Australian Ocean Data Network	The Integrated Marine Observing System e-lectures are designed for marine scientists. These lectures are designed to be topic-specific to provide you with a hands-on approach to learning by teaching you how to use real ocean observational datasets collected by the Integrated Marine Observing System. There are three different topics covered in these lectures: Ocean Primary Productivity, the Carbon Cycle and Acidification. By the end of this course, you will know the basics of ocean primary productivity/ ocean carbon cycle/ ocean acidification; you will be able to explain which processes are involved in primary productivity/carbon cycle/ocean acidification, how it is measured and why it is important; (...)	Sustainability inclusive
Drone Remote Sensing and Mapping	Short course	Ongoing	COSE	School of Technology, Environments and Design	Geography and Spatial Sciences		Learn how to turn your drone into a powerful remote sensing tool in just a few days	Not sustainability related

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Geodata Analytics: Fundamentals	Short course	Ongoing	COSE	School of Technology, Environments and Design	Geography and Spatial Sciences		Geodata Analytics: Fundamentals will provide you will the essential knowledge and skills to get started in the Geodata Analytics series. This fully online, self-paced course will cover a range of industry-relevant topics including understanding basic statistics, databases and exploratory data analysis, classification and querying of database queries, and image analysis and segmentation. You will also learn about data formats and data preparation such as filtering and transformation and learn from peer-review literature and a case study involving data analytics.	Not sustainability related
Geodata Analytics: Methods and Tools	Short course	Ongoing	COSE	School of Technology, Environments and Design	Geography and Spatial Sciences		You will learn how to identify, integrate and process relevant data to produce models, and how to carry out analysis and visualization with an emphasis on reproducibility and reporting outcomes. The datasets in this course will focus specifically on mineral exploration or mining-related problems.	Not sustainability related
Geodata Analytics: Collaboration, Interpretation & Communication	Short course	Ongoing	COSE	School of Technology, Environments and Design	Geography and Spatial Sciences		In this advanced course, you will have the opportunity to gain practical experience using a variety of geoscience datasets. Working in small groups, you will be presented with a geological problem to work through and solve, using the analytical skills you have learnt over the previous courses in the series.	Not sustainability related
Tasmanian Timber Design Workshop	Short course	Ongoing	COSE	School of Technology, Environments and Design			Timber is now accepted as a key component in low-carbon solutions for multistorey building projects. The Australian Timber Design Workshop (ATDW) is designed as a unique professional development and networking opportunity for architects, engineers, builders, and others interested in efficient timber-rich construction to develop their skills and knowledge	Sustainability inclusive
Living with Fire	Short course	Ongoing	COSE				As the world warms, wildfires are behaving in new, less predictable ways, which present fundamental challenges to our established methods of preventing, fighting and living with fire. And with increasing populations on the wildland-urban interface, we urgently need to find new solutions to these challenges. This course will introduce you to some of the key aspects of co-existing with fire. You'll learn about the science of fire and the role it plays in sustainability, examine the history of Indigenous burning and how it's shaped our country, and discover how we can benefit from fire from a bio-diversity aspect, whilst protecting ourselves from it. This is your opportunity to learn how to safely live with fire as individuals and as communities, whilst learning new ways to plan for the future.	Sustainability focused
AAI Sustainable Aquaculture Australian Workshop	Short course - Business to Business	2021	COSE	IMAS			Participants of this Workshop will gain expert knowledge, skills, and experiences about all aspects of sustainable aquaculture, from industry operations to governance. In addition to building your capability across the breadth of sustainable aquacultural practices, the Program will enable participants to engage with some of Australia's top experts in their field as well as develop people-to-people or organisational links between Indonesia and Australia.	Sustainability focused

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The Path Back from Isolation	Short course	Ongoing	UC	University College			COVID-19 restrictions have resulted in widespread isolation experiences across the world, including changes in the ways people engage with work. As restrictions ease, we are faced with an unprecedented new challenge – supporting our community and colleagues to reintegrate into the new post-isolation world. Surprisingly, reintegration following isolation can be the most challenging for our mental health. This course will introduce you to the science behind psychological adaptation and reintegration following isolation. With an emphasis on the workplace context, you will learn about the psychological impacts of isolation, what to expect when moving back into society post-isolation, and methods to support staff and yourself through challenges associated with the reintegration experience.	Not sustainability related
Design Thinking Experience	Short course	2021	UC	University College		Echos School of Design	Offered by the University of Tasmania in partnership with Echos School of Design Thinking, this intensive 3-day workshop offers a hands-on, high energy experience where you will learn the tools and theory behind the design thinking process. Design Thinking is a creative process being used world-wide to foster change and innovation in the workplace. At its core, design thinking is a human-centred approach to problem solving which encourages users to develop empathy and an understanding of their customer's needs before finding an effective solution to the problem.	Not sustainability related
Cider Start Up	Short course	Ongoing	UC	University College	Agribusiness		Are you thinking about starting your own craft cider making business? Or are you interested in learning more about the cider making process? During this short course you will learn the fundamental aspects of craft cider making and the business skills needed to get started. This is your opportunity to learn the fascinating science behind cider-making, including production methods, flavours and ingredients, the fermentation process as well as bottling and cleaning methods. In the last module of this course you will also learn how to take your product to market and how to start your own cider business with our step-by-step business basics guide.	Not sustainability related
Project Management: Project Planning	Short course	Ongoing	UC	University College	Business		Knowing how to properly scope and plan your project can be the difference between success and failure. This course will introduce you to the essential first steps of project management, including how to build your business case, efficient ways to refine your project scope, and proven methods to identify and mitigate potential risks that may occur throughout your project lifecycle.	Not sustainability related
Project Management: Project Operations	Short course	Ongoing	UC	University College	Business		It's time to organise your project and start taking action. In this course you will explore about the operational aspects of project management, including the practical skills that will allow you to transition from the planning phase into a fully operational project. You will learn how to keep your project on track using GANTT charts, provide accurate budget and costing estimates, monitor and ensure quality control, and externally resource elements of your project.	Not sustainability related

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Project Management: Project Leadership	Short course	Ongoing	UC	University College	Business		One of the most important aspects of project management is building a team and leading them towards the goals of your project. Managing people and building successful relationships can be one of the most complex elements of project management, but also the most crucial and rewarding when done well. In this course, you will learn positive leadership skills that will enable you to manage a project team of any size. You'll explore the main functions of a project manager, including effective communication skills, internal and external stakeholder management, and human resource and conflict management.	Not sustainability related
Project Management: Project Completion	Short course	Ongoing	UC	University College	Business		Throughout the lifecycle of a project there are a variety of challenges and issues that can arise. How you monitor and respond to these challenges, can greatly influence the overall success of your project. In this course you will learn the crucial final stages of project management, including how you deal with changes, monitor the progress of your project, generate stakeholder reports, and successfully review, close off and handover your project.	Not sustainability related
Cyber safe: The Essential Cyber-Awareness Toolkit	Short course	Ongoing	UC	University College	Technology		This fully online course will teach you how to be cybersafe while at home and in the workplace. You will be introduced to the tools, skills, and knowledge required to operate safely and confidently in a digital environment. You'll learn how to evaluate and take control of your personal security through topics such as password and account settings, online identity protection, and ensuring safe technology use across your devices. By examining common workplace security practices, you'll learn key strategies to apply within your own team. This includes examining both physical and workstation security, understanding how to keep sensitive information secure, and how to communicate risk to your team. This course introduces you to the correct ways of responding to cybersecurity incidents, including the foundations of data laws and responsibilities, and strategies to help minimise the impact of incidents when they occur.	Not sustainability related
Shellfish Sampler Training	Short course - Business to Business	Ongoing	UC	University College	Agribusiness		This course has been put together by the NSW DPI Food Authority and University College (University of Tasmania) to train personnel involved in the production, harvesting and treatment of shellfish to ensure they are committed to producing shellfish in accordance with the NSW Shellfish Program. This includes maintaining consistency and currency in food safety programs that are compliant with the requirements of the various Acts, Regulations, codes and policies within the various NSW Food Authority legislative frameworks.	Not sustainability related
Applied Internal Auditing for Continuous Quality Improvement	Short course - Business to Business	2020	UC	University College			Not available	Not sustainability related

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Building Cultural Capability in Organisations	Short course - Business to Business	2021	UC	University College			Developing cultural capability allows us to recognise that we are never the expert in the lives of others but should rather actively strive to become experts in understanding the motivations, beliefs and world views that underpin our own lives. Throughout this course we will be drawing from the perspectives and lived experience of many people from our diverse community. You will also consider aging, youth, religion – in fact, wherever groups of individuals form a community of shared belief, interest and perspective (and the intersectionality of many of these), there is room for us to learn, reflect and grow.	Sustainability inclusive
Community Engagement and Participation	Short course - Business to Business	2021	UC	University College			Community 'engagement' as opposed to 'management' is the practice of influencing a variety of outcomes through respectful communication and ongoing relationship building. The focus of the Community Engagement and Participation short course will be on creating impact through effective engagement practices. The course will pick up elements of both community engagement and participation as well as the 'human' economics of local communities. Upon completion, you will be able to apply community engagement practices to enhance community participation and influence the efficacy of the subsequent collective impact.	Sustainability inclusive
Building Community Resilience	Short course - Business to Business	2020				Academic Division	The Building Community Resilience short course will instil a deeper understanding of communities, their characteristics as well as their capacity to adapt and respond to change. The course uses COVID19 as the lens in which to explore and develop the skills required to effectively engage with communities to effect change, particularly in the face of external disruptors. Upon completion, you will be able to identify and apply the Collective Impact concepts and practices to build community resilience as well as the capacity to recover from significant change events like COVID19.	Not sustainability related
Come Walk With Us	Short course	Ongoing				Academic Division	Come Walk With Us is an introductory cultural safety workshop run by the Aboriginal Higher Education Advisor. The workshop assumes participants have no prior knowledge about Tasmanian Aboriginal history, health status and culture (...). The development of effective health care delivery to Australian Aborigines is currently one of the underpinning strategies to improve Aboriginal health outcomes. The need for health professionals to become better informed about Aboriginal issues has been recognised and acknowledged in key government reports. A well-trained health workforce will help to secure and sustain health improvements for Aboriginal communities. It is acknowledged that practitioners working with Australian Aborigines need a diverse range of skills in the delivery of cross-cultural care and in the prevention of chronic illness. Such learning is likely to be more effective if it is integrated within the structure of existing curricula rather than provided as a learning add-on. This approach underpins this Aboriginal health curriculum project of which Come Walk With Us is a key strategy for the University of Tasmania.	Sustainability focused

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Introduction to Children's Rights and Safety	Short course	Ongoing				VC Office, Peter Underwood Centre	As members of your community it is important to understand the role you play in ensuring our children's voices are heard. Children have the right to express their views and have them taken seriously in matters that affect them. When this right is observed, adults can support children more effectively or make informed decisions leading to improved subjective wellbeing among children. You can support young people by learning the role of duty bearers and rights holders, and how a community that accepts responsibility for keeping children safe, is in a good position to develop and implement effective policies and procedures around child safety. This course has been designed to help you apply the policies and procedures set out in the United Nations Convention on the Rights of the Child within your own community.	Not sustainability related
Medicines Australia Continuing Education Program	Continuing education	Ongoing	COHM	Medicine			The Medicines Australia Continuing Education Program (CEP) functions to educate the medical representatives of Australia to a recognised industry standard. It aims to provide students with the confidence, skills and knowledge needed to efficiently and effectively carry out their responsibilities as medical representatives in the pharmaceutical industry.	Not sustainability related
Certificate I in Maritime Operations (General Purpose Hand Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	This course provides the skills and knowledge required to work as a General Purpose Hand (GPH) on deck or in the engine room of a vessel up to 80 metres within the exclusive economic zone (EEZ) or in the engine room only for a vessel with propulsion power up to 3000 kW.	Not sustainability related
Shipboard Safety Skill Set	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	This skill set is Nationally accredited and required if you want to work on any small commercial fishing or trade vessel. This training sets you up for a career on the water. It provides you everything you need to work on a vessel. The course includes fire fighting at our dedicated Firefighting Centre, survival at sea in our purpose built Survival Centre and safe working practices.	Not sustainability related
Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	You will develop the practical skills of coastal navigation and seamanship using a range of vessels such as the 14m 'Reviresco', 8m 'Skipjack' and the twin outboard 6m Bar Crusher 'Chromis'. Engineering practicals will show you how to deal with varied situations including a drowned outboard and operating complex pumping systems and inboard diesel engines. You will also undertake practical firefighting and survival training in our purpose-built facilities as part of the Shipboard Safety Skill set training, to provide you with an understanding of skills required for safety at sea.	Not sustainability related
Certificate III in Maritime Operations (Master up to 24m Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	Certificate III in Maritime Operations (Master up to 24m Near Coastal) is suitable for people working in the maritime industry as a Master on commercial vessels up to 24 metres in length within the exclusive economic zone (EEZ). This course provides the required training component to qualify for a Master up to 24m Near Coastal Certificate of Competency (subject to assessment and sea-time requirements by AMSA).	Not sustainability related

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Certificate IV in Maritime Operations (Master up to 35m Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	Certificate IV in Maritime Operations (Master up to 35m Near Coastal) is suitable for those seeking employment as Master of a commercial vessel up to 35 metres in length, within the EEZ. This course provides the required training component to qualify for a Master up to 35m Near Coastal Certificate of Competency (subject to assessment and seetime requirements by AMSA).	Not sustainability related
Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	The course delivery comprises of a combination of classes and practicals, with subjects such as Auxiliary and Main Propulsion Systems, Safety and the Environment, Operations, Electrical, Vessel Construction and Maintenance. Candidates will get the chance to get hands on experience with maintenance and operation in each of these topics.	Not sustainability related
Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal) is suitable for people who work in the maritime industry operating as Chief Engineer on vessels with propulsion power up to 1500 kW and Second Engineer on vessels with propulsion power up to 3000 kW in the exclusive economic zone (EEZ). This course provides the required training component to qualify for a Marine Engine Driver Grade 1 Near Coastal Certificate of Competency (subject to assessment and sea-time requirements by AMSA).	Not sustainability related
Diploma of Maritime Operations (Marine Engineering Class 3 Near Coastal)	VET	Ongoing	COSE	AMC	Ocean Seafaring	AMC Search	Diploma of Maritime Operations (Marine Engineering Class 3 Near Coastal) will equip you to work as a Chief Engineer on vessels with propulsion power up to 3000 kW in the exclusive economic zone (EEZ). This course provides the required training to qualify for an Engineer Class 3 Near Coastal Certificate of Competency (subject to assessment and sea-time requirements by AMSA).	Not sustainability related
Advanced Fire Fighting	Training short course	Ongoing	COSE	AMC		AMC Search	Fire Fighting - Advanced provides participants with the skills and knowledge required to respond effectively as a key member of the on board command fire fighting team and manage shipboard fire prevention, coordinate tactical fire fighting and use and maintain fire fighting and fire detection equipment carried on merchant vessels	Not sustainability related
Advanced Harbour Towage / Escort Towage	Training short course	Ongoing	COSE	AMC		AMC Search	This course focuses on the tugs role in escorting ships at different speeds under different circumstances and environmental conditions in a safe and professional manner	Not sustainability related
Advanced Marine Pilots Training (AMPT)	Training short course	Ongoing	COSE	AMC		AMC Search	Human performance including fatigue, stress, and fitness for duty. How to maintain cognitive health and extend your pilotage career. The integration of port teams into the Pilotage process. Check pilotage principles and tools. Hydrodynamics for expert ship handlers. The implementation of big PPU data. The advanced pilot's role in safety management systems, safety culture and the highly reliable port.	Not sustainability related

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Autonomous Maritime Systems Fundamentals	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for personnel who need to start building their knowledge of Autonomous Maritime Systems, ie both AUVs and USVs. It is ideally suited to individuals who need an understanding of Autonomous Maritime Systems, but at this stage of their careers do not need to directly operate them.	Not sustainability related
Autonomous Underwater Vehicle (Auv) Basic Operator Training	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for personnel who need to build their knowledge, skills and experience with operating AUVs. AUV Basic Operator Training is delivered through theory sessions followed by practical 'hands-on' sessions to provide candidates with optimal learning outcomes.	Not sustainability related
Autonomous Underwater Vehicle (Auv) Mission Controller	Training short course	Ongoing	COSE	AMC		AMC Search	Provides the skills and knowledge to perform mission planning, operational supervision and responses to AUV emergency situations. This training program is designed for personnel who have completed the AUV Basic Operator Course who require additional knowledge, skills and experience planning and supervising AUV operations.	Not sustainability related
Autonomous Underwater Vehicle (AUV) Technical Training	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for personnel who have completed the AUV Basic Operator Course or have AUV operating experience and require additional knowledge, skills and experience to diagnose issues and fault find on AUVs.	Not sustainability related
Ballast Systems (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	This course provides participants with an overview of water ballast systems on ships. It explains why a ballast system is needed and what the ballast does to allow the ship to be operational. The different parts of the water ballast system are explained and shown to ensure participants have a working knowledge of how ballast is used	Not sustainability related
Bridge Resource Management (Brm)	Training short course	Ongoing	COSE	AMC		AMC Search	Aims to reduce the risk of incidents by encouraging safe and responsible behaviour. AMSA-approved. The course aims to foster positive attitudes favouring good personal communication, excellence in leadership skills and compliance with operating procedures.	Not sustainability related
Bulk Carrier Operations	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with sufficient knowledge of the correct procedures in the cargo handling operation of a bulk carrier. This course aim to provides participants with an understanding of the operational requirements of a bulk carrier during its brief port call and how to avoid delays through good communications with the vessel.	Not sustainability related
Bulk Carrier Cargo Plans Explained (Load and Unload) (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	Cargo plans are an essential communication tool between ship and shore when loading and unloading a bulk carrier. The cargo plan sets out how the ship is loaded or unloaded, ensuring this is done in a safe manner. This course will take you through the contents of a loading/unloading plan to ensure you understand all aspects of the plan. Whether you work on the ship or shore, you must know what the plan contains and how this impacts on the operation at hand. This course will clearly demonstrate how the information is used and the responsibilities in respect to the cargo plan.	Not sustainability related

Unit Title	Course type	Last year taught	College *	School / Centre *	Department / Discipline	Other	Unit Description	Type
Bulk Carrier Layout and Construction (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	All seafarers that work on Bulk Carriers should understand the special features that makes these vessels the strong work horses of the oceans. They have been designed specifically to carry large amounts of product across the ocean with short load and unload programs. This course takes participants through the features of a Bulk Carrier, how they withstand the load and unload process and how they need to be managed throughout their working life. Participants will be able to identify the structural parts of a Bulk Carrier and how the vessel has been designed to be safe when loaded or when in ballast.	Not sustainability related
Certificate Of Competency (Coc) Refresher And Revalidation	Training short course	Ongoing	COSE	AMC		AMC Search	In order to retain your Certificate of Competency, you will need to complete a Continued Competency Refresher or Revalidation training course every five years. The course you need to do depends on how much sea-time you have.	Not sustainability related
Certificate Of Proficiency (Cop) As Rating Refresher And Revalidation	Training short course	Ongoing	COSE	AMC		AMC Search	In order to retain your Certificate of Proficiency as Rating, you will need to complete a Continued Competency Refresher or Revalidation training course every five years. The course you need to do depends on how much sea time you have.	Not sustainability related
Certificate Of Proficiency In Survival Craft (Cpsc)	Training short course	Ongoing	COSE	AMC		AMC Search	Certificate of Proficiency in Survival Craft (CPSC) is designed to provide participants with the skills and knowledge required to perform survival craft operations as required during shipboard emergency response situations.	Not sustainability related
Certificate Of Safety Training (Cost) Stcw	Training short course	Ongoing	COSE	AMC		AMC Search	A Certificate of Safety Training is the mandatory minimum requirement in order to serve on board a vessel in international waters.	Not sustainability related
Chief Integrated Rating (Cir)	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for people working in the maritime industry in charge of the Integrated Ratings on a ship. Chief Integrated Ratings are responsible for implementing the planned maintenance system and maintaining relevant stores.	Not sustainability related
Company Security Officer	Training short course	Ongoing	COSE	AMC		AMC Search	Qualifies participants for an appointed security officer role, responsible for ensuring the security the Company. Meets the requirements of the International Ship and Port Facility Security (ISPS) Code.	Not sustainability related
Crisis Management And Human Behaviour (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with the skills to organise shipboard emergency procedures, optimise the use of resources, control response to emergencies, control passengers and other personnel during emergency situations, establish and maintain effective communications.	Not sustainability related
Crowd Management Training and Safety Training (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	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.	Not sustainability related

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Damage Control	Training short course	Ongoing	COSE	AMC		AMC Search	Participants will develop the skills required to minimise the risk of flooding and maintain a state of readiness to respond to emergency situations involving damage to the watertight integrity of the ship.	Not sustainability related
Designated Person Ashore	Training short course	Ongoing	COSE	AMC		AMC Search	Designed in accordance with the requirements outlined in IMO MSC-MEPC.7/Circ.6, paragraph 3. Participants enhance their existing skills and knowledge relating to safety management, and understanding of compliance requirements of the ISM Code	Not sustainability related
Designated Security Duties (Dsd) Online	Training short course	Ongoing	COSE	AMC		AMC Search	Equips trainees with the tools and skills to demonstrate competence to undertake the tasks, duties and responsibilities as listed in Table A-VI/6-2 of the STCW Code.	Not sustainability related
Electronic Chart Display Information System (Ecdis)	Training short course	Ongoing	COSE	AMC		AMC Search	Australia's best value Electronic Chart Display Information System (ECDIS) course, delivered by highly rated instructors using a state-of-the-art ECDIS laboratory integrated with bridge control, RADAR, AIS and ARPA.	Not sustainability related
Elementary First Aid (Efa)	Training short course	Ongoing	COSE	AMC		AMC Search	Elementary First Aid equips participants with the skills and knowledge to provide first response, life support and management of casualties and incidents until medical aid arrives. The course is one of the components required to obtain an AMSA-issued Certificate of Safety Training, which is the mandatory minimum requirement in order to serve on board vessels in international waters.	Not sustainability related
Fast Rescue Boat (Frb) Operator's Course	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with the knowledge and skills to safely operate a Fast Rescue Boat (FRB) and handle a casualty in a FRB. AMSA-approved.	Not sustainability related
Fire Fighting - Methanol Strategies And Tactics	Training short course	Ongoing	COSE	AMC		AMC Search	Provides an understanding and appreciation of the hazardous nature of methanol. Participants are taken through an extensive theory based session around what makes this material different from any other on board materials, the uniqueness of this material and what are the potential exposure risks for crew members.	Not sustainability related
Fire Prevention And Fire Fighting	Training short course	Ongoing	COSE	AMC		AMC Search	Fire Prevention and Fire Fighting trains participants in the operation of fire fighting equipment and makes them aware of the fire fighting arrangements and the actions to be taken in the event of a fire on board ship.	Not sustainability related
Gmdss Communications	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for participants who wish to apply for an AMSA GMDSS General Operator's Certificate (GOC). Australia's best-equipped GMDSS training facilities. A GMDSS simulator in our Sydney Study Centre simulates all GMDSS equipment on ships, from DOS-based systems to the latest touch-screen systems. It also offers shore-based radio stations for hands-on experience. Launceston students train in a live GMDSS laboratory.	Not sustainability related
Harbour Towing / Push-Pull and Line Towing	Training short course	Ongoing	COSE	AMC		AMC Search	This training program is a combination of theoretical lecturing, instruction, and practical training in the simulator on either conventional or Azimuthal propulsion tugs.	Not sustainability related

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Head Security Officer	Training short course	Ongoing	COSE	AMC		AMC Search	This course provides knowledge to those who may be required to perform the duties of a Head Security Officer with responsibility for conducting a security assessment and developing and implementing the security plan.	Not sustainability related
Helicopter Underwater Escape Training (HUET)	Training short course	Ongoing	COSE	AMC		AMC Search	This course is necessary training for aircrew, marine pilots, fire industry, government personnel, media representatives, tourism operators, aviation medical professionals and any person whose job role requires them to fly over water in either a rotary wing or fixed wing aircraft.	Not sustainability related
High Speed Craft (Hsc) Safety And Systems	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with the skills and knowledge required to utilise the systems found on a High Speed Craft (HSC) in an efficient and safe manner. Meets the requirements of the High Speed Craft Code.	Not sustainability related
High Speed Navigation	Training short course	Ongoing	COSE	AMC		AMC Search	High Speed Navigation highlights the need for a professional approach to watchkeeping at high-speed and the ability to operate within a team environment. This course meets the requirements of the High Speed Craft Code, Chapter 18.	Not sustainability related
High Voltage Practice	Training short course	Ongoing	COSE	AMC		AMC Search	Provides students with the knowledge and skills to manage the high voltage generation and distribution installations found on modern ships and other offshore installations.	Not sustainability related
Human Factors Training	Training short course	Ongoing	COSE	AMC		AMC Search	Human factors/elements training helps identify specific issues affecting safety and productivity caused by communication and process blocks between mariners and managers.	Not sustainability related
Igf Code Advanced Training	Training short course	Ongoing	COSE	AMC		AMC Search	Advanced Training for Masters, Deck, Engineer Officers and all personnel with immediate responsibility for the care and use of fuels and fuel systems on ships subject to the International Code of Safety for Ships Using Gases or Other Low-Flashpoint Fuels (IGF Code). AMSA approved.	Not sustainability related
Igf Code Basic Training	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for seafarers responsible for designated safety duties associated with the care, use, or in an emergency response to the fuel on board ships subject to the International Code of Safety for Ships using Gases or other Low-Flashpoint Fuels (IGF Code). AMSA approved.	Not sustainability related
Identify Confined Space	Training short course	Ongoing	COSE	AMC		AMC Search	A confined space is an enclosed or partially enclosed space that is not intended or designed primarily for human occupancy, and within which there are risks. Identify Confined Space covers the skills required to identify actual or potential confined spaces prior to entering a confined space for work purposes.	Not sustainability related
International Safety Management (Ism) Internal Auditors Course Online	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with the knowledge necessary to conduct ISM internal audits and to understand the strengths and weaknesses of auditing and their role in a safety management system.	Not sustainability related
Introduction to Draught Surveys (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	This course is designed to introduce the concept of the draught survey. Stepping through the process of undertaking a draught survey, participants will be able to identify the required inputs of a draught survey and how the amount of cargo on board is calculated.	Not sustainability related

Unit Title	Course type	Last year taught	College *	School / Centre *	Department / Discipline	Other	Unit Description	Type
Introduction to Port Operations	Training short course	Ongoing	COSE	AMC		AMC Search	Introduction to Port Operations provides an overview of basic port operations. It includes modules on basic nautical knowledge, an introduction to port operations, legislation, vessel traffic management and communications. The course addresses the main elements identified in IALA Guideline 1142.	Not sustainability related
Introduction to the IMSBC Code including BLU Code	Training short course	Ongoing	COSE	AMC		AMC Search	This course provides a clear understanding of the International Maritime Solid Bulk Cargo (IMSBC) Code. At the end of this course, you will be able to identify ship and shore responsibilities when loading or discharging bulk cargoes, the grouping of cargoes and identification of environmentally hazardous cargoes, and the requirement to correctly load and discharge the cargo.	Not sustainability related
Loading Bulk Carriers	Training short course	Ongoing	COSE	AMC		AMC Search	This course is designed to provide participants with a clear understanding of the process involved in loading a bulk carrier. Participants will understand the requirements of the IMSBC Code related to hold preparation, loading, trimming cargo and preparing the vessel for sea.	Not sustainability related
Loadmaster Training Liquid Cargoes	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for personnel involved in the loading of LNG, LPG and Oil cargoes. Meets the competencies as set out in OCIMF Marine and Terminal Operator Competence Training Guide. Typically the course will cover all cargo types but can be tailored to meet the needs of the client.	Not sustainability related
Local Port Services	Training short course	Ongoing	COSE	AMC		AMC Search	Local Port Services training is designed for those ports and other waterways in which some or all staff responsible for ship/shore communications and other operations do not require full Vessel Traffic Services (VTS) certification, but still require a basic training program in order to carry out delegated safety and commercial mandates of the Harbour Master within the context of a Local Port Service.	Not sustainability related
Long Range Operator Certificate Of Proficiency With Marine Satellite Communications Endorsement	Training short course	Ongoing	COSE	AMC		AMC Search	Gain the radio operator's Certificate of Proficiency required by Masters on vessels less than 35m meters plus the MSCE endorsement needed by anyone who sails on a vessel with INMARSAT equipment.	Not sustainability related
Longitudinal Stresses On A Ship (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	This course shows participants the different types of longitudinal stress that a vessel is subject to. Each stress type will be explained in terms of how the stress occurs and how the ships hull is impacted by the stress.	Not sustainability related
Medical Care Refresher (Ampt)	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for candidates that have completed an Advanced Marine Pilots Training (AMPT) course and wish to revalidate an AMSA Certificate of Competency.	Not sustainability related
Medical Care On Board Ship	Training short course	Ongoing	COSE	AMC		AMC Search	Participants will learn to use a Medical Guide (radio medical advice) and equipment carried by merchant ships. Ambulance service and attendance at the Casualty Department of a hospital is arranged, candidates should plan on attending the practical sessions on the Saturday and Sunday immediately following course completion	Not sustainability related

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Medical First Aid On Board Ship	Training short course	Ongoing	COSE	AMC		AMC Search	AMSA-approved course that provides participants with the skills and knowledge required to react appropriately in an emergency situation where a casualty has been injured at sea or is acutely ill and to use those items of first aid equipment found in the ship's medical outfit which are not included in the standard first aid kit.	Not sustainability related
Mooring Operations, Lng Terminal (Shore Crew)	Training short course	Ongoing	COSE	AMC		AMC Search	Designed to provide participants with an understanding of Mooring Operations at an LNG terminal.	Not sustainability related
Mooring Operations, Offshore (Catering Staff)	Training short course	Ongoing	COSE	AMC		AMC Search	Designed to allow a member of the Catering Staff to assist in mooring operations in the offshore industry. Designed for operations on offshore vessels only.	Not sustainability related
OPITO Control Room Operator Emergency Response (Remote / Online)	Training short course	Ongoing	COSE	AMC		AMC Search	The aim and objective of the CRO Emergency Response Competence Assessment are to formally assess the candidate in the role of the CRO during an emergency in a simulated environment.	Not sustainability related
OPITO Major Emergency Management Initial Response (Remote / Online)	Training short course	Ongoing	COSE	AMC		AMC Search	This training program introduces the Management Principles as the first stage of development for Emergency Managers and provides a controlled, stressful, simulated emergency environment that candidates can develop and build TEAMWORK and CONFIDENCE under Appraisal rather than Assessment conditions. This program is 'non-fail'.	Not sustainability related
OPITO OIM Controlling Emergencies (Remote / Online)	Training short course	Ongoing	COSE	AMC		AMC Search	Practical assessments expose the candidates to a controlled, stressful, simulated emergency environment where they are required to meet performance criteria .	Not sustainability related
OPITO Plant Manager / Incident Commander Initial Response (Remote / Online)	Training short course	Ongoing	COSE	AMC		AMC Search	The OPITO-approved Plant Manager/Incident Commander Initial Response Training Standard will introduce management principles as the first stage of development for Incident Commanders. This training program introduces the Management Principles for Emergency Managers and builds confidence using a no pass or fail APPRAISAL process.	Not sustainability related
Offshore Facility Security Officer	Training short course	Ongoing	COSE	AMC		AMC Search	Qualifies participants for an appointed Offshore Facility Security Officer role. This course meets the requirements of the International Ship and Port Facility Security (ISPS) Code.	Not sustainability related
Passenger Safety, Cargo Safety And Hull Integrity (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	Fully online. Passenger Safety, Cargo Safety & Hull Integrity course can be completed in your own time from anywhere in the world. AMSA-approved.	Not sustainability related

Unit Title	Course type	Last year taught	College *	School / Centre *	Department / Discipline	Other	Unit Description	Type
Personal Safety And Social Responsibilities	Training short course	Ongoing	COSE	AMC		AMC Search	Provides mandatory minimum training in personal safety and social responsibility. AMSA-approved. One of the components required to obtain an AMSA-issued Certificate of Safety Training, which is the mandatory minimum requirement in order to serve on board vessels in international waters.	Not sustainability related
Personal Survival Techniques	Training short course	Ongoing	COSE	AMC		AMC Search	Covers training in personal survival techniques. AMSA-approved. One of the components required to obtain an AMSA issued Certificate of Safety Training, which is the mandatory minimum requirement in order to serve on board vessels in international waters.	Not sustainability related
Polar Code - Advanced Training	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for Masters and Chief Mates who must hold a Certificate in Advanced Training for Ships Operating in Polar Waters, as required by the IMO's Polar Code.	Not sustainability related
Polar Code - Basic Training	Training short course	Ongoing	COSE	AMC		AMC Search	Designed for Masters, Chief Mates and Officers in charge of a navigational watch on ships operating in polar waters as required by the IMO's Polar Code. AMSA-approved, meeting the requirements of STCW Reg V/4 and Code Section A-V/4, Table A-V/4-1.	Not sustainability related
Port/Port Facility Security Officer	Training short course	Ongoing	COSE	AMC		AMC Search	Qualifies participants for an appointed security officer role, responsible for ensuring the security the Port or Facility. This course meets the requirements of the International Ship and Port Facility Security (ISPS) Code.	Not sustainability related
Role of the Terminal Representative for Bulk Cargoes (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	This course is designed to provide students with the role and responsibility of the Terminal Representative, as required by the IMSBC Code. The course covers the role from prior to the ship arriving into port, during the load/discharge up until departure. This is a core course for anyone undertaking the role or training to be a terminal representative.	Not sustainability related
Safe Bulk Loading Practice Face-To-Face	Training short course	Ongoing	COSE	AMC		AMC Search	Designed to help terminal and vessel staff load bulk carriers safely, reducing the risk of accidents in port and at sea.	Not sustainability related
Safe Bulk Loading Practice Online	Training short course	Ongoing	COSE	AMC		AMC Search	Designed to help terminal and vessel staff load bulk carriers safely, reducing the risk of accidents in port and at sea. Meets the training requirements in the International Maritime Organisation's Code of Practice for the Safe Loading and Unloading of Bulk Cargoes (the BLU Code).	Not sustainability related
Security Awareness Training (Sat) Online	Training short course	Ongoing	COSE	AMC		AMC Search	Fully online. Security Awareness Training is mandatory for all AMSA certificate holders. AMSA approved, meeting the requirements of STCW Reg VI/6 and Code Section A-VI/6 paragraph 4, Table A-VI/6-1.	Not sustainability related

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Ship Planners	Training short course	Ongoing	COSE	AMC		AMC Search	The role of the ship planner is to reduce the ship's port duration by optimising container stowage and terminal efficiency, as well as keeping restows to a minimum, thereby reducing operational costs. The planner will also assist the ship's staff in keeping the vessel within acceptable stability limits and minimising hull stresses. The need for meticulous planning and communication by experts is paramount, given the complexity of loading a large vessel for a multi port discharge, with several thousand containers of varying weights and dimensions, plus the requirement to segregate dangerous cargoes, while meeting all port and international regulations.	Not sustainability related
Ship Security Officer	Training short course	Ongoing	COSE	AMC		AMC Search	Qualifies participants for an appointed security officer role, responsible for ensuring the security of a Ship. AMSA approved, meeting the requirements of STCW Reg VI/5 and Code Section A-VI/5, Table A-VI/5. This course meets the requirements of the International Ship and Port Facility Security (ISPS) Code.	Not sustainability related
Small Remote Operated Vehicle (ROV) Training	Training short course	Ongoing	COSE	AMC		AMC Search	For people with a requirement to build their knowledge and skills on the employment and operation of small sized remote operated vehicles (ROVs) in support of science and other research and development focused activities.	Not sustainability related
Stability By Distance - Advanced	Training short course	Ongoing	COSE	AMC		AMC Search	Knowledge of a ship's stability is not a process of memorising and blindly applying formula, but of understanding the principle behind the formula and the process of what is actually happening to the vessel's righting and trimming levers as the vessel changes the distribution of weight or buoyancy within its hull. The golden rule throughout this course is therefore: Learn the principle not the formula. Once you understand the principle there will be no need to learn the formula as it will be engraved in your memory forever!	Not sustainability related
Stability By Distance - Basic	Training short course	Ongoing	COSE	AMC		AMC Search	Teaches the necessary basic understanding of a ship's stability.	Not sustainability related
Stability: Ballast Control Operations	Training short course	Ongoing	COSE	AMC		AMC Search	Provides a good understanding of the theory and practical application of ship stability, particularly the stability of a mobile offshore drilling unit (MODU). Complies with the IADC/NI guidelines for the training of Ballast Control Operators on Mobile Offshore Units, and IMO Resolution A.891 (21).	Not sustainability related
Steering Certificate	Training short course	Ongoing	COSE	AMC		AMC Search	Includes instruction and practical training in steering principles and procedures that complies with Marine Order 71, Section 4 and/or Marine Order 73, Section 4, AMSA approved.	Not sustainability related
Stevedoring And Terminal Operation	Training short course	Ongoing	COSE	AMC		AMC Search	Delivers an overview of the operational, commercial and legal issues pertaining to the movement of cargo, shipping arrangements, charter parties and ship loading considerations such as stability and hull stress, load planning and ballast control is provided.	Not sustainability related
Tanker Familiarisation - Liquefied Gas	Training short course	Ongoing	COSE	AMC		AMC Search	Provides training for officers and ratings assigned specific duties and responsibilities relating to liquefied gas tankers. AMSA-approved, meeting the requirements of STCW Reg V/1-2 and Code Section A-V/1-2, paragraph 1, Table A-V/1-2-1.	Not sustainability related

Unit Title	Course type	Last year taught	College *	School / Centre *	Department / Discipline	Other	Unit Description	Type
Tanker Familiarisation - Oil And Chemical	Training short course	Ongoing	COSE	AMC		AMC Search	Provides training for officers and ratings assigned specific duties and responsibilities relating to tankers. AMSA-approved, meeting the requirements of STCW Reg V/1-1 and Code Section A-V/1-1, paragraph 1, Table A-V/1-1-1.	Not sustainability related
Tanker: Advanced Training For Chemical Cargo Operations	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with the skills and knowledge required to safely handle, load, carry and discharge chemical tanker cargoes and the supervision and training of personnel involved in operation procedures. AMSA approved.	Not sustainability related
Tanker: Advanced Training For Liquefied Gas Tanker Cargo Operations	Training short course	Ongoing	COSE	AMC		AMC Search	Provides participants with the skills and knowledge required to undertake safe, pollution-free liquefied gas handling and transportation, and also supervise and train personnel involved in operations procedures. AMSA-approved.	Not sustainability related
Tanker: Advanced Training For Oil Cargo Operations	Training short course	Ongoing	COSE	AMC		AMC Search	Advanced Training for Oil Cargo Operations provides participants with an understanding of safe, pollution free oil handling and transportation, and to enable them to supervise and train other personnel in operational procedures. AMSA-approved.	Not sustainability related
The Ship/Shore Safety Checklist For Bulk Carriers	Training short course	Ongoing	COSE	AMC		AMC Search	This course takes students through the Ship Shore Safety Checklist as endorsed by IMO through the International Marine Solid Bulk Cargo (IMSBC) Code. It provides practical explanations and provides examples of how the checklist should be completed to enhance the safety of the vessel and the terminal.	Not sustainability related
Train The Trainer - Simulator	Training short course	Ongoing	COSE	AMC		AMC Search	Provides the knowledge and skills for trainees to administer, supervise, and assess training and learning facilitated by simulators. AMSA approved, meeting the requirements of IMO Model Course 6.10.	Not sustainability related
Tug Knowledge / Basic Tug Handling	Training short course	Ongoing	COSE	AMC		AMC Search	The course takes place in a state-of-the-art simulator but can be combined with practical training on board a tug if the client requires. The course can be based on either conventional or Azimuthal propulsion tug types as required by the client.	Not sustainability related
Understanding Ship Mooring from Terminal Perspective (Online)	Training short course	Ongoing	COSE	AMC		AMC Search	This is designed for shore side personnel who are involved in vessel mooring operation. The course provides participants with general knowledge on why vessels are moored as they are, the equipment used on the ship and shore, and the terminology used for mooring operations.	Not sustainability related
Unloading Bulk Carriers	Training short course	Ongoing	COSE	AMC		AMC Search	This course aims to provide the student with the unloading operation of bulk carriers, including the equipment used, methods of handling and procedures for unloading. Building on the requirements of the IMSBC Code and the BLU Code and BLU manual, the course covers the role of ship and shore personnel. There is a focus on the safety issues related to unloading bulk carriers.	Not sustainability related
Vessel Traffic Services (Vts) On The Job Instructor (V-103/4)	Training short course	Ongoing	COSE	AMC		AMC Search	Prepares participants in the theories and skills of on-job-instruction (OJI) with particular focus on coaching, communication and evaluation. Meets the requirements of IALA Model Course V-103/4.	Not sustainability related

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Vessel Traffic Services (Vts) Operator (V-103/1)	Training short course	Ongoing	COSE	AMC		AMC Search	VTS Operator training comprises eight modules (Language, Traffic Management, Equipment, Nautical Knowledge, Communication Coordination, VHF Radio, Personal Attributes and Emergency Situations). Each module deals with specific subjects that IALA has identified in V-103/1 as representing requirements or functions of a VTS Operator.	Not sustainability related
Vessel Traffic Services (Vts) Recurrent (V-103/5)	Training short course	Ongoing	COSE	AMC		AMC Search	Prepares participants in the theories and skills of on-job-instruction (OJI) with particular focus on coaching, communication and evaluation.	Not sustainability related
Vessel Traffic Services (Vts) Supervisor (V-103/2)	Training short course	Ongoing	COSE	AMC		AMC Search	VTS Supervisor covers the knowledge and practical competencies required in order to gain endorsement as a VTS Supervisor. The training comprises six modules (Advanced Traffic Management, VTS Equipment, Additional Personal Attributes, Responding to Emergency Situations, Administrative Functions and Legal Knowledge).	Not sustainability related
Vessel Traffic Services (Vts) V-103/1: Module 4 - Chartwork And Nautical Knowledge	Training short course	Ongoing	COSE	AMC		AMC Search	This course meets V-103/1 prerequisite (element 2, option 2) and is designed for candidates wishing to undertake the VTS Operator (V-103/1) course who do not hold a maritime qualification.	Not sustainability related
Watch Rating Navigation And Engine Room (Tags Program)	Training short course	Ongoing	COSE	AMC		AMC Search	Qualify to perform duties as part of a watch, either navigational or engine room, by undertaking a Training and Guidance Study (TAGS) workbook of the appropriate discipline.	Not sustainability related