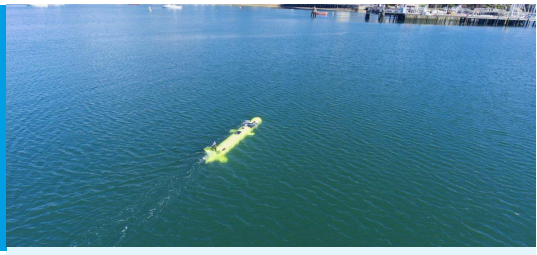
amcsearch.com.au
(03) 6324 9850
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AUTONOMOUS MARITIME SYSTEMS FUNDAMENTALS (ONLINE)

COURSE ALSO KNOWN AS:
AMS FUNDAMENTALS



Provides an introduction to Autonomous Underwater Vehicle and Unmanned Surface Vehicles technology, key terminology, operating concepts and system capabilities/limitations.

Designed for personnel who need to start building their knowledge of Autonomous Maritime Systems, i.e. 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.

The AMS Fundamentals contains two core units of competency from Certificate III in Autonomous Maritime Systems (MAR31222):

- MARH034 Demonstrate fundamental knowledge of Autonomous Maritime Systems (AMS) operations
- MARH035 Demonstrate fundamental knowledge of Autonomous Maritime Systems (AMS)

CONTENT

- Introduction to AMS
- Frames of Reference
- Introduction to AUV Software
- AUV Ballasting
- AUV Mission Planning
- Basic AMS Operations
- Vehicle Performance Analysis
- Data Storage and Handling
- Hazards, Risks and Regulations
- AMS Communications
- Localisation and Navigation
- Hydrostatics
- Hydrodynamics
- Thrust, Power and PID
- Sensors
- Rescue Techniques and Lost Vehicle AUV Case Studies Refresher
- The Future of Autonomous Maritime Systems (AMS)

ONLINE DELIVERY

This course is delivered online through the University of Tasmania's learning management system, MyLO. The course requires a reasonable internet connection and a webcam to complete the assessment.

CERTIFICATION

The following certificate will be issued by AMC to participants who successfully complete* the course:

- Autonomous Maritime Systems (AMS) Fundamentals

DURATION: Online, approximately 21 hours

COURSE DATES:
Course Fee | Online | $1,840

RELATED COURSES

Autonomous Underwater Vehicle (AUV) Basic Operator Training

Australian residents who successfully complete this course will also receive the following Statements of Attainment:

- MARH034 - Demonstrate fundamental knowledge of Autonomous Maritime Systems (AMS) operation
- MARH035 - Demonstrate fundamental knowledge of Autonomous Maritime Systems (AMS)

MARH034 and MARH035 are nationally recognised units of competency under the Australian Maritime College (RTO ID 60131).

REGISTRATION TERMS

Face to face courses

Cancellations up to 15 working days prior to the scheduled date will be accepted without penalty. Cancellations less than 15 working days will be subject to 100% cancellation fee.

AMC Search reserves the right to cancel the course 15 working days prior to the scheduled date if insufficient registrations are received. Any fees paid for cancelled courses will be refunded in full.

When making flight bookings please ensure you book on a fully refundable basis.

PAYMENT TERMS

Online course registrations

Payment of course fees, or authorisation to invoice from your company, is required before access to the online learning environment is provided. Please note, it will take between 2-4 business days to provide your access to the online course if you have not studied previously with AMC Search, the Australian Maritime College or the University of Tasmania.

Self-funded registrations

Once payment is requested, it must be received by the stated deadline. If payment is not received and no contact has been made by that deadline, AMC Search reserves the right to remove you from the course.

Company sponsored registrations

All company-sponsored registrations must be supported by a valid Purchase Order (PO) within 7 days of registration. Please send the PO to AMCS.courses@utas.edu.au and include the student's name in the subject line. If these requirements are not met, AMC Search reserves the right to remove the student from the course.

PAYMENT OPTIONS

Payment methods accepted:

- Register now and pay later (payment required 15 days before the course starts)
- Credit Card (online or via (03) 6324-9850)
- Bank Deposit
- Company sponsorship.

Detailed payment options are available here.

ONLINE DELIVERY