

AUTONOMOUS MARITIME SYSTEMS (AMS) TECHNICAL TRAINING

COURSE ALSO KNOWN AS:
AMS TECHNICAL TRAINING

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.

The course will be delivered through face-to-face theory lessons followed by practical 'hands-on' sessions to provide candidates with optimal learning outcomes.

CONTENT

- Battery technology management and maintenance
- Data management, security and handling
- AUV cybersecurity
- Introduction to networking for AUVs
- Practical underwater positioning/navigation and its impact on mission design.
- Underwater communications and diagnostics.
- Vehicle hydrostatics & hydrodynamics introduction for the AUV Technician
- Advanced vehicle performance analysis and its impact on mission objectives
- Essential mission systems checks for the AUV Technician
- Advanced Sonar theory and application
- Advanced Synthetic Aperture Sonar (SAS) theory and application
- AUV performance impact on results and feature identification
- ADCP / DVL theory
- Deployment of AUV on diagnostic missions
- Advanced Post Processing of AUV performance data
- In-depth understanding of vehicle performance data

PREREQUISITE

Successfully completed the AMC Search AUV Basic Operator Course or have AUV operating experience.

OUTCOME

Participants who successfully complete this course will be eligible to receive an Australian Maritime College Certificate in Autonomous Maritime Systems (AMS) Technical Training.

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



DURATION: 7 days

COURSE AVAILABLE ON DEMAND

This course is available on demand, delivered at various locations. To express interest, please [contact us](#).

RELATED COURSES

[Autonomous Maritime Systems Fundamentals \(Online\)](#)
[Autonomous Underwater Vehicle \(AUV\) Practical](#)
[Autonomous Underwater Vehicle \(AUV\) Basic Operator Training](#)
[Autonomous Underwater Vehicle \(AUV\) Mission Controller](#)

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](#).

LAUNCESTON, TAS

Location: Australian Maritime College, Newnham Drive, Newnham, Launceston, Tasmania.

Airport Transfers: Participants arriving at Launceston Airport should make their way to the Australian Maritime College, Newnham Drive, Newnham. Taxi fare from the airport is approximately \$55.00.

Parking: Complimentary car parking is provided on campus in areas designated to AMC Search participants and clients.

Launceston Accommodation: On-campus accommodation in Launceston can be reserved via the online enrollment form. Further accommodation information is available [here](#), together with off-campus options.

NORFOLK HALL ON-CAMPUS ACCOMMODATION

We offer affordable on-campus accommodation that's ideal if you're taking part in a course at our campus in Launceston, Tasmania.

[Norfolk Hall](#) offers Motel Style accommodation for \$100 per night (bed only). On-campus accommodation in Launceston can be reserved via the online enrolment form.

Norfolk Hall is situated on the main campus of the Australian Maritime College at Newnham, Launceston, which is where most of our courses take place.

Accommodation at Norfolk Hall provides the following facilities:

- Queen size beds
- En-suite facilities
- Television
- Fridge
- Rooms serviced daily (excluding weekends)

Affordable meals are available at the on-site AMC Cafeteria.

You can reserve a room when you register for your course or via email
AMCS.courses@utas.edu.au or telephone: +61 3 6324 9850.

CLIENT PREMISES

This course is portable and available to be conducted on client premises. To discuss, please
contact AMCS.Training@utas.edu.au or telephone (03) 6324 9850.