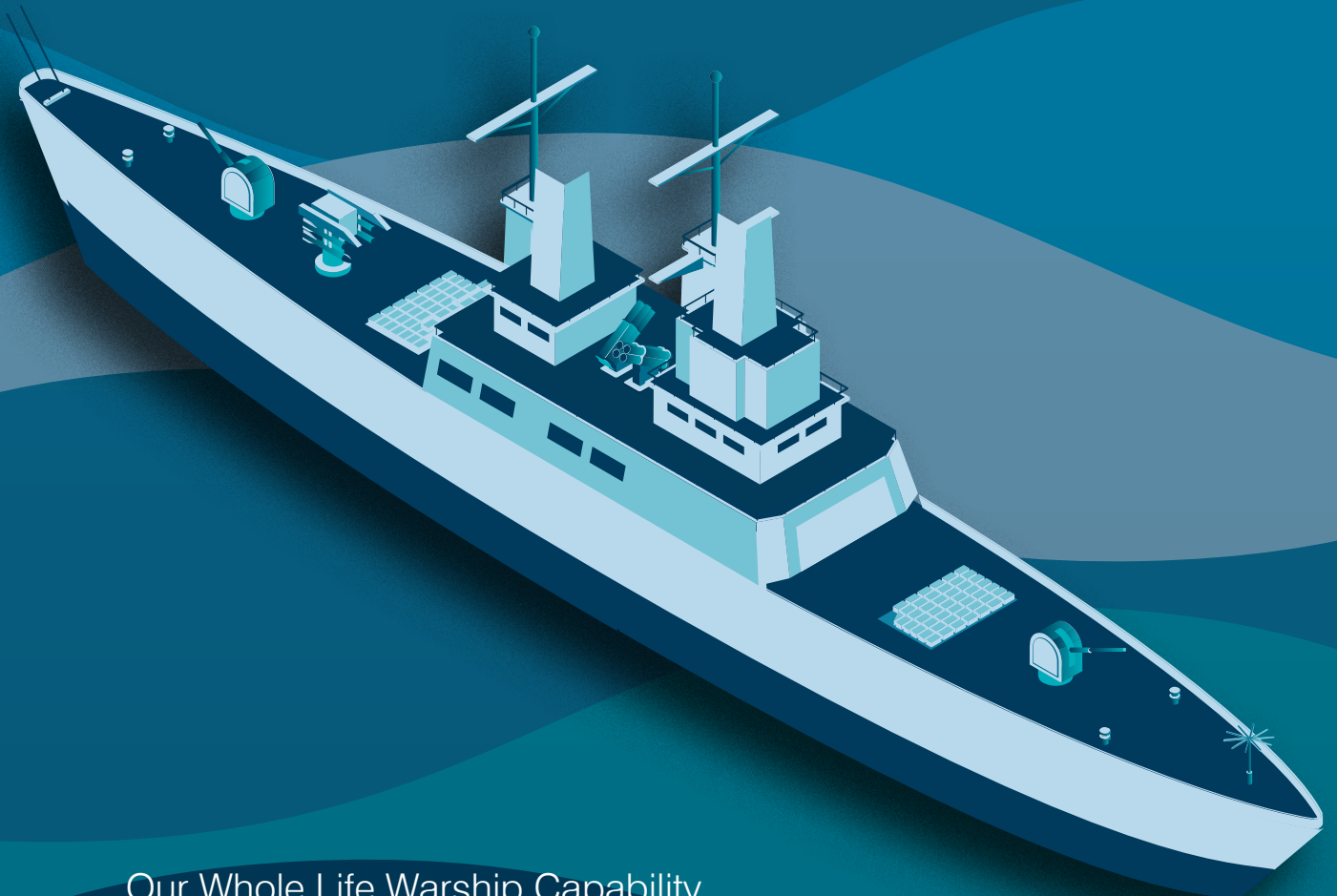




Whole Life Warship Capability Management Course

Prepare for the next step
in your career



Our Whole Life Warship Capability Management Course, certified by The Royal Institution of Naval Architects, has been running for over 15 years, earning a reputation for providing delegates with practical and current knowledge.

Course Price
AUD\$4950 (inc)

Prepare for the next step in your career . . .

As the defence industry prepares for a substantial shift to shipbuilding, having a workforce that is well trained and informed about the critical elements of warship capability management is crucial.

Our Whole Life Warship Capability Management training course, certified by **The Royal Institution of Naval Architects**, provides detailed insight into the acquisition and capability management of a warship, throughout the complete life-cycle.

For us, ensuring the industry remains well-trained and informed about the critical elements of ship and submarine design and management is crucial, now more than ever.

Our courses are created and presented by **industry professionals** who are passionate and highly experienced in their field. This guarantees that what you learn is both relevant and applicable to the problems we face in today's industry.

Our **week-long**, in-person courses include catering and opportunities for **networking** across industry. These sessions are designed to provide immersive learning experiences, combining top-tier instruction with valuable digital resources.



Course Price
AUD\$4950 (inc)

Scan the QR code for the next
course dates and more information



Whole Life Warship Capability Management Course

A unique course for the Australian defence community, tailored to manage the capability, acquisition and sustainment phases of warship ownership.

General Course Details

Duration: 5 days.

Location:

Delivered online with the support of leading industry experts.

Who should attend:

Designed for engineers, technicians, and project managers but we can tailor delivery to individual needs.

Accreditation:

Our courses have been certified by the Royal institution of Naval Architects and by Australia's Asset Institute.

What is included:

Live training with leading industry experts, a hardcopy course book containing all the presentation material, and a BMT Professional Course Certificate.



Course content

Equipping you with the knowledge to understand and manage all stages of warship ownership.

Naval Ships

Ship types and their primary roles, key technical design drivers and a range of technical risks.

Project Types and Lifecycle

Capability systems life cycle including acquisition options.

Capability Development

Identifying, defining and developing capability.

Requirements Management

Requirement for engineering/analysis and its role in supporting project success.

Design Process

Warship design and the various acquisition stages.

Design Control

Taking a design from concept to final realisation; with focus on planning, implementation and monitoring.

Technical Review

Tender evaluation methodologies, managing uncertainty, risk and technical data.

Test & Evaluation

RAN acceptance process and test and trials activities.

Seaworthiness & Safety

System safety management as it applies to warship design.

Cost Engineering

Cost engineering methods and their accuracy.

Cost Modeling

Detailed methods of cost engineering.

Standards, Certification and Regulation

Design standards and certification approaches for warship design and the roles and responsibilities of regulators.

Above/ Below Water Battlespace

The impact of sensors, effectors and command and control elements on the acquisition process.

Electronic Battlespace

Network centric warfare and integrated battle management.

Survivability

Technical issues and risks associated with specifying, design for and validating survivability for warships.

General Arrangement

The impact on general arrangement of design features.

Hydrostatics and Hydrodynamics

Design and support considerations relating to stability, resistance, maneuvering and sea keeping.

Power & Propulsion

Design and through life considerations and risks for power and propulsion equipment.

Structures

Structural design requirements, general arrangement and subdivision considerations and constraints.

Production

Technical issues, risks and potential consequences associated with design.

Hull & Mechanical systems

Design and integration of hull and mechanical systems and the demands from and influence on warship design.

Electrical & Control systems

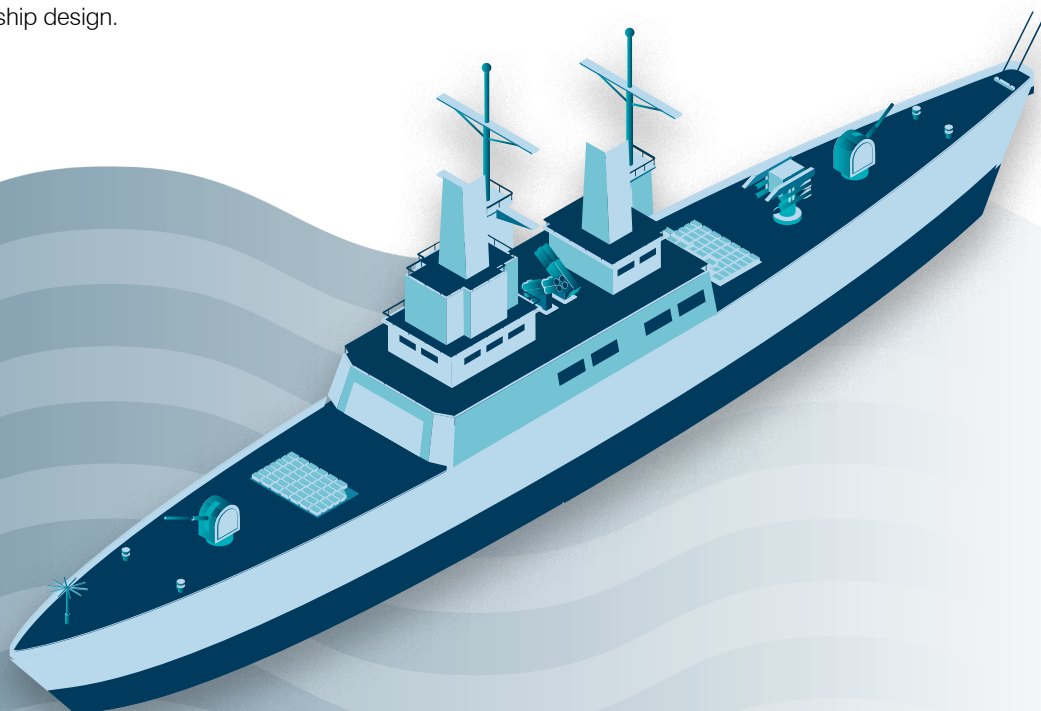
Electrical systems on a warship, including power, communication and control systems.

Aviation systems

Navy's aviation capability and the complexity of aviation operations on ships, including the implications for ship design and various support considerations.

Through Life Support

Through life support strategies and the need to consider through life support at the outset of any project.



Looking to upskill your entire team?

We offer corporate packages for all our courses. Please get in touch to ask about bulk discounts, we offer these for groups as small as 10.

In addition, when you book our corporate package and get free access to our **Warships 101 e-learning courses** as a bonus with your 5-day course.

Our corporate packages allow you to split a 5-day course out over a fortnight or even a month. We work with you to tailor the best outcome.

Do you have a specific training need?

Ask us how we can incorporate the best modules for your training needs.

Explore our additional courses if you're looking for more options.



Introduction to Fleet Lifecycle Management Course



Course Price
AUD\$5940 (inc)

Our Introduction to Fleet Lifecycle Management course covers all aspects of life cycle management. The modules provide detailed insight into Asset Management and its applications to naval ships and support systems in Defence's maritime environment

In person, 5-day course



Submarine Design and Engineering Course



Course Price
AUD\$4950 (inc)

Our Submarine Design and Engineering Course will present you with the latest thinking and innovations in submarine design.

In person, 5-day course



ONLINE Warship 101 course



Course Price
AUD\$342.50 (inc)

Warships 101 is an e-Learning course designed to give you an introductory look into warships, their design, capability and systems.

Online, 18 units over 6 hours



Our accreditations are:



THE ROYAL
INSTITUTION
OF NAVAL
ARCHITECTS

Whole Life Warship Capability Management
and Submarine Design and Engineering



Asset[®]
Institute

Fleet Life Cycle Management



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