

EXPLORE THE WORLD

WANT TO KNOW MORE?

For more information about the Essington International Senior College, Charles Darwin University and its international programs, phone: 8985 0100.

We work, study and live in an increasingly internationalised world, so imagine the advantages in learning alongside like-minded students from other countries and cultures! The Essington International Senior College in Darwin is well known for its high academic outcomes and innovative educational programs that will help you to develop the skills you need in this exciting world environment.

INTERNATIONAL STUDY

Increasingly, Essington is extending its Australian curriculum and programs with high quality international curriculum and programs. Essington has been an international school and member of the Council of International Schools (CIS) for sixteen years. In 2013 it was accredited as a Cambridge International School by Cambridge University's Cambridge Institute. This means that Essington is able to deliver Cambridge courses and is an examination centre for Cambridge Institute programs. In addition to the NTCE, senior college and middle school students can complete subjects from the International General Certificate of Secondary Education (IGCSE).

COMMUNICATION

The Senior College's outdoor camps and overseas tours give students the opportunity to explore the world with their classmates. These tours include snow trips, conferences in Singapore and Beijing, work experience in Singapore and the Borneo expedition.

TEAMWORK

In 2014 Essington started its own basketball club to allow students to play in the local community competition. From these teams a number of girls and boys have been identified for a special international basketball coaching and playing program. The school's top girls and boys basketball teams compete in the International High Schools Basketball Competitions in Malaysia, Jakarta and Singapore.

Essington has also extended its dance program into the international arena. In recent years the school's dancers have completed twice a year in a special dance extension program at the National University of Singapore.

FLEXIBILITY

Other co-curricular activities offered at Essington are designed to provide students with unique experiences and prepare them for life after Year 12. The Learn to Fly Program offered over the last 13 years will be expanded in 2015 and the number of training aircraft increased. On completion of the program students will be able to continue lessons with the Top End Flying Club.





DO YOU...

- Need an extra subject?
- Need to travel during the school year?
- Want to accelerate senior study?
- Have you ever thought about trying distance education?
- Look no further than NTOEC!

GOING THE DISTANCE

NTOEC
Northern Territory Open Education Centre
'Education Wherever You Are'

WHO ARE THEY?

The Northern Territory Open Education Centre (NTOEC) is a distance learning school catering for students in years 10 - 12. NTOEC is operated by the Department of Education (DoE) in the Northern Territory of Australia.

NTOEC CAN OFFER YOU

- Online courses, video conferencing via internet and satellite, phone lessons, Residential Schools, workshops
- Extracurricular activities overseas
- Tailored student support programs.

WHAT'S THE BIG DIFFERENCE?

In some ways distance education is different from other secondary schools, but what remains the same is: experienced professional teachers providing the best possible education for individual students.

WHAT DOES NTOEC DO?

NTOEC delivers Year 10, Stage 1 (Year 11) and Stage 2 (Year 12) NT Board of Studies approved courses which lead students to gaining their NT Certificate of Education and Training (NTCET).

WHO IS ENROLLED WITH NTOEC?

- Students living in isolated areas without access to a Senior Secondary School
- Students travelling (Australia or International)
- Adults wishing to upgrade their Senior Secondary education
- Students who have medical, social or behavioural conditions which prevent attendance at a local school
- Students who are in jail or a remand centre
- Students attending urban NT or SA Senior Secondary Schools who enrol for one or two subjects with NTOEC because they cannot access these subjects at their own school (dual enrolment and/or Holiday School)
- Senior Secondary students attending remote community schools (dual Community enrolment)
- Students enrolled with the Alice Outcomes, Alternative Education Programs and Malak Reengagement Centre
- Senior Secondary students who attend an Area School (Jabiru, Batchelor, Alyangula) (dual Area School enrolment).

HOW DOES IT WORK?

Whilst most students may not attend traditional classes, they are expected to work regularly at their lessons. The students might be studying alone, but they are studying the same curriculum as Territory students in other schools.

Students may enrol as full-time or part-time students and may be school-age students or students beyond compulsory school age. Specially prepared materials online, print-based, or a combination of these, are the basis for all courses, with students completing regular assignments which they return to their teachers for assistance and assessment.

OFFERING THE LATEST TECHNOLOGY

NTOEC uses a range of delivery modes including the latest technology. Subject materials are provided in the form of online courses (eLearning), hard copy booklets and texts. NTOEC teachers also supplement these materials during the course of delivery.

YOU WON'T FEEL ISOLATED!

Personal contact between students and teachers is a standard part of the service NTOEC provides with weekly lessons via phone/teleconference or video conferencing. NTOEC has a free call phone line to assist students with phone contact. Students can expect NTOEC teachers to provide a weekly lesson using either individual phone contact, teleconferencing or video conferencing.

Where NTOEC is working with a Community School they will provide this regular contact with the Community Teacher. Teachers also communicate with students using email, fax, post and contact visits to student's homes or schools.

Some students also attend NTOEC for lessons. Full time students are invited to attend Residential Schools at NTOEC where they attend a week of timetabled lessons with their teachers for all their subjects each semester.

GET THE SUPPORT YOU NEED

Urban Secondary Schools in the Northern Territory and South Australian are able to enrol students with the NTOEC who have needs that cannot be met by their home school. Such students are referred to by NTOEC as Dual Enrolments.

For these students a special cooperative approach is needed between the two schools and the student. NTOEC is responsible for the teaching and assessing of the specific subjects, but the home school retains the overall responsibility for the welfare of the student.

WANT TO KNOW MORE?

Phone: 1800 062 235 (free call)
(08) 8922 2222 Fax: (08) 8922 2258
Email: info.ntoec@ntschoools.net
Website: www.ntoec.nt.edu.au
Corner of Nightcliff Road and Aralia Street, Nightcliff

SUBJECTS YOU CAN CHOOSE:

Year 10

- | | |
|-------------------------------|-------------|
| Art | ICT |
| Design and Technology | Mathematics |
| English | Music |
| Geography | Science |
| Health and Physical Education | SOSE |
| History | |

Stage 1 (Year 11)

- | | |
|-------------------------------------|------------------------|
| Accounting | ICT |
| Art (Creative Arts and Visual Arts) | Integrated Learning |
| Biology | Legal Studies |
| Business and Enterprise | Mathematics |
| Chemistry | Music |
| Child Studies | Nutrition |
| Community Studies | Personal Learning Plan |
| Economics | Physics |
| English | Physical Education |
| Geography | Scientific Studies |
| Health | Workplace Practices |
| History | |

Stage 2 (Year 12)

- | | |
|-------------------------------------|---------------------|
| Accounting | Health |
| Art (Creative Arts and Visual Arts) | ICT |
| Australian History | Integrated Learning |
| Biology | Legal Studies |
| Business and Enterprise | Mathematics |
| Chemistry | Music |
| Child Studies | Nutrition |
| Community Studies | Physics |
| Economics | Physical Education |
| English | Scientific Studies |
| Geography | Workplace Practices |

BUSINESS CAREERS THAT COUNT



Steven Leaney CA, Xero

STAND OUT FROM THE CROWD

What ticks all your boxes? How about:

- Top pay
- Global travel
- Vast work opportunities – wrapped up in an elite career that is respected around the world.

WANT TO KNOW MORE?

Website: charteredaccountants.com.au/students
 Youtube: youtube.com/mycareerpathway
 Facebook: facebook.com/charteredaccountants

Chartered Accountants Australia and New Zealand is a trading name for The Institute of Chartered Accountants in Australia (ABN 50 084 642 571) and the New Zealand Institute of Chartered Accountants – see charteredaccountantsnz.com for further information. 1114-47

SO YOU WANT TO WORK IN BUSINESS?

Well, here is where it all begins – the world of business as a Chartered Accountant – where one day you could work in many different and exciting areas around the world.

In fact, Chartered Accountants are into everything – financial markets, mining, sport, fashion, music, film, charities, environmentalism and telecommunications.

You'll find Chartered Accountants working in businesses ranging from eBay to Louis Vuitton, Qantas to Rio Tinto, Telstra to Google – because all businesses depend on people who can take the lead and understand the ins and outs of finance and accounting.

If you want a career that will take you places, consider how a career as a Chartered Accountant can help take you wherever you want to go.

HOW CAN I GET STARTED?

Think a career in business as a Chartered Accountant could be perfect for you? Well get started now. Your first step towards an exciting career is to finish your Year 12 SACE. There are no special subjects required to begin university, so study what you are good at in year 12 and make sure you get the necessary ATAR. Then:

- Apply for a place in a Commerce Degree to major in Accounting at any university
- Apply for work experience or undergraduate work while at university
- Apply for a graduate position at the beginning of your 3rd year of university
- Complete the Chartered Accountants Program (an accredited post graduate diploma) while you work to enhance your career prospects, and
- Become a member of the world renowned Chartered Accountants Australia and New Zealand.



Tim Henderson CA, KPMG



Kelly Howlett CA, Funds SA

TOP 10 JOBS CHARTERED ACCOUNTANTS DO

1. Chief Executive Officer (CEO) – heading major corporations
2. Chief Financial Officer (CFO) – protecting companies' financial wealth
3. Forensic Accountant – investigating fraud
4. Investment Banker
5. Partner in a global accounting firm
6. Business Advisor to global and local companies
7. Entrepreneur – starting your own business
8. Auditor – making sure companies tell the truth
9. Insolvency Practitioner – helping restructure businesses before they collapse
10. Wealth Creator (Financial Planning)

TOP 10 SKILLS THAT CHARTERED ACCOUNTANTS SHOULD HAVE

- | | |
|--------------------------|-------------------------|
| 1. Verbal Communication | 6. Problem Solving |
| 2. Organisation | 7. Analysis |
| 3. Written Communication | 8. Initiative |
| 4. Leadership | 9. Time Management |
| 5. Teamwork | 10. Presentation Skills |

ENERGISE YOUR CAREER



WANT TO KNOW MORE?

Check out the ConocoPhillips website:
careers.conocophillips.com.au



For more information on the SPIRIT Scholarship and Accelerate Graduate Programs, email:
ABUGrad@conocophillips.com

For Traineeship enquiries, please email
 Apprenticeships Australia NT:
apprenticeshipsnt@cciwa.com



If you are committed to achieving your best, and want to be part of a global team providing energy to the world, read on!

WHO IS CONOCOPHILLIPS?

ConocoPhillips is the world's largest independent oil and gas exploration and production company, based on proved reserves and production. Across 27 countries, more than 19,000 employees work in a truly integrated way to find and produce oil and natural gas.

Locally, ConocoPhillips has an exciting portfolio of assets, including Darwin LNG, Bayu-Undan in the Timor Sea and Australia Pacific LNG in Queensland. They also have corporate offices in Brisbane and Perth.

Natural gas is a clean energy that plays an important role in reducing greenhouse gas emissions.

CAREERS AT CONOCOPHILLIPS

ConocoPhillips recruits people from many fields, with or without previous energy industry experience. These fields include operations and maintenance, engineering, geoscience, health, safety and environmental science, finance, IT, supply chain, legal and human resources.

They have positions for university qualified professionals, trade qualified technicians and support personnel. Their extensive training and development programs will help guide your career, as well as develop new skills and expertise so you can advance within their organisation.

EMPLOYER OF CHOICE

ConocoPhillips is proud to be one of a select group of Australian organisations to be recognised as an Employer of Choice for Gender Equality. The prestigious award issued by the Workplace Gender Equality Agency (WGEA), acknowledges the company's efforts towards achieving gender equality in the workplace.

Their diverse and inclusive work environment is founded on ConocoPhillips' SPIRIT values - Safety, People, Integrity, Responsibility, Innovation and Teamwork, values which underpin everything they do.



Vacation Students

OPPORTUNITIES FOR STUDENTS

The ConocoPhillips SPIRIT Scholarship program at CDU is designed to encourage engineering students to consider a career in the energy industry. The Scholarship provides financial support for tuition and professional development opportunities for students in the final years of their studies.

Further benefits of the program include the possibility of up to 12 weeks paid vacation work at one of ConocoPhillips' Australian business locations. Visit CDU's Scholarships website for details.

CDU also hosts the ConocoPhillips Science Experience each year, providing Year 9 and 10 NT students the opportunity to experience hands-on science activities and discover how exciting a science career can be.

Visit www.scienceexperience.com.au for more information.

OPERATIONS TRAINEESHIPS

ConocoPhillips' operations traineeships offer trade qualified local residents the opportunity to gain extensive technical knowledge on hydrocarbon processing systems and develop skills to operate LNG facilities.

The program incorporates technical training in Perth and Darwin, and on-the-job training at their Darwin LNG plant. ConocoPhillips remains committed to training and employing a 100% local workforce - they do not offer fly-in-fly-out roles to work at Darwin LNG.

GRADUATE PROGRAM

ConocoPhillips' Accelerate Graduate Program incorporates technical and professional development training, mentoring and challenging work assignments. The program is designed to fast-track the development of essential skills and knowledge to prepare young professionals for the many exciting career opportunities available within this global company.

WORKING SUSTAINABLY

ConocoPhillips is committed to conducting business in a way that encourages economic growth, healthy environments and vibrant communities now and into the future. Visit the Sustainable Development section of their website to learn more about their commitment to sustainability.



Darwin LNG facility

WHAT IS ADFA?

The Australian Defence Force Academy (ADFA) is a unique partnership between the Department of Defence and the University of New South Wales (UNSW). ADFA allows Midshipmen and Officer Cadets to study at one of the world's leading universities while undertaking cutting edge military and leadership training. At ADFA, students are instilled with the Academy's guiding values of Courage, Respect, Integrity, Service and Professionalism.

WHAT DEGREES CAN YOU STUDY AT ADFA?

- Bachelor of Arts
- Bachelor of Business
- Bachelor of Information Technology
- Bachelor of Science
- Bachelor of Technology (Aeronautical and Aviation)
- Bachelor of Engineering (Aeronautical, Civil, Electrical and Mechanical)

WHAT KIND OF PEOPLE JOIN ADFA?

You'll find your classmates are from all over Australia and the world, and from many different backgrounds. Yet everyone shares common attributes: the willingness to work hard, enjoy a challenge, adapt to new situations, be a team player and work with others to make things happen. And while military training and academic pursuits are the focus of life at ADFA, there's always plenty of time for fun with the new friends you will make during your time here.

SPORT

ADFA has around 23 hectares of sporting fields and a state-of-the-art indoor sports centre and swimming pool. It houses squash courts, a gym and weights room that can be used in your spare time. Plus you have access to the golf course at the Royal Military College (RMC) Duntroon.

ADFA LIFESTYLE

It's not all about academic studies at ADFA. Apart from regular sporting pursuits, living in Canberra offers a great variety of social opportunities such as restaurants, bars, museums and galleries. Regular social events are held on and off campus, including formal mess dinners, sporting functions, squadron and divisional activities and other social gatherings. It's little wonder that most graduates say that the years they spent at ADFA were some of the best of their lives.

There are a number of other activities you can get involved in including:

- The ADFA Band
- Overseas Battlefield Study Tours
- Debating
- Performing Arts
- Graduation Committee
- Precision Drill Team
- Military Shooting

ELIGIBILITY FOR ADFA

- Must be a minimum of 17 years old at date of entry
- Studying Year 12 and gain an entrance rank to qualify for entry into UNSW
- Minimum height of 152 cms
- Must pass a basic physical assessment

For Ryan Turner, moving all the way from the Northern Territory down to Canberra was a big step for the Darwin local. Wanting to pursue a career that mattered, Ryan joined the Australian Army as a General Service Officer (GSO) and is currently training at the ADFA, where he is studying for a Bachelor of Business degree.

'I lived in Darwin my whole life and no one in my family had ever left before. I was the first one and the youngest, but my partner and I decided that we both wanted to pursue further study and I saw that ADFA offered an academic degree as well as a military education. I applied, got in and packed up the whole family and moved down here,' Ryan said. 'Since then I've had one child with my partner, who is now six months old. ADFA and the military as a whole are really supportive of families and people in situations such as myself.'

The combination of military training, education and skills Ryan will gain from his time at ADFA will prepare him to face any challenge and perform on the world stage as a leader in the Australian Defence Force (ADF). He is pleased with his choice. 'At ADFA you get the best of both worlds; you get the world-class university degree from the UNSW and then you get the military training from ADFA and the wider ADF.'

'For someone who is looking to continue their study,' says Ryan, 'you get it all in this one package and you get paid to do it. You not only gain a degree, but you gain knowledge that you will use for your future job role as well. Where else can you get all that?'

defencejobs.gov.au
13 19 01

BE A LEADER IN THE ADF



SCAN HERE TO



WATCH OUR VIDEO

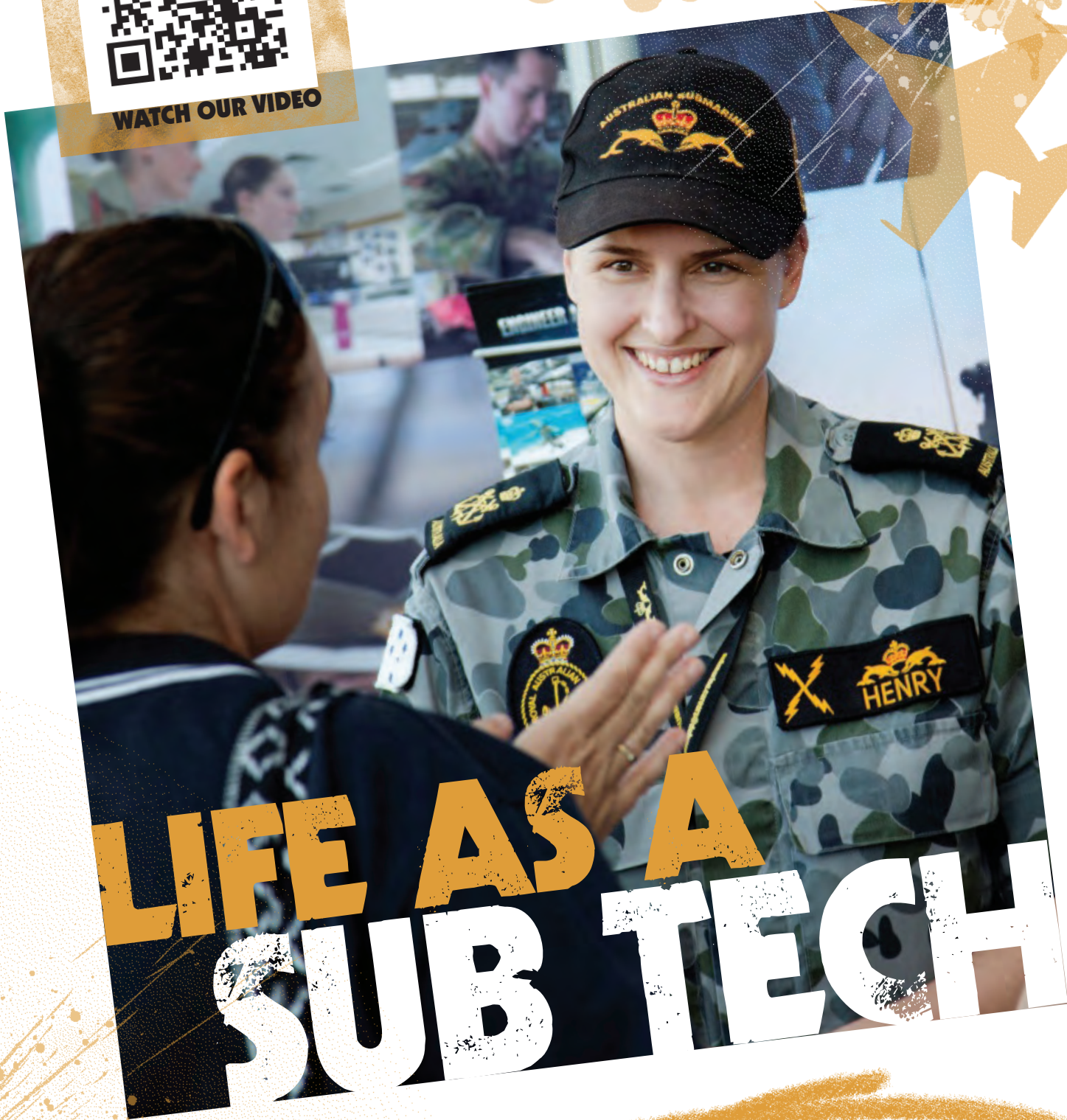
WANT TO KNOW MORE?

The Defence Force is currently recruiting so apply online: defencejobs.gov.au/adfa or call **13 19 01**. Check out the website for information on prospective careers, the ADFA Education Award and further information on military training and study at ADFA.

SCAN HERE TO



WATCH OUR VIDEO



LIFE AS A SUB TECH

WANT TO KNOW MORE?

For all other entry requirements, including medical and fitness requirements, and further information on military training and careers in the Navy, Army or Air Force, visit: www.defencejobs.gov.au or call 13 19 01.

For Bundaberg local, Melissa Henry, life as an Electronics Technician Submariner in the Royal Australian Navy is fast-paced and constantly changing. The 40-year-old Petty Officer has always had an inquisitive nature and from a young age liked to pull things apart to see how they work.

'I joined the Navy after studying at university for a year. I knew I wanted to become an Electronics Technician because of the way I like to pick things apart. I'm constantly asking the question 'how does this work?' and I think as you develop, you find out more what you like to do,' Melissa said.

As an Electronics Technician Submariner, Melissa is one of a select few handpicked to wear the Dolphins Badge, which is a point of pride for every Submariner. 'My greatest achievement and greatest challenge go hand in hand, which was training and qualifying for my 'Dolphins'. It took a lot of hard work and determination but it was a day I remember with enormous pride.'

Melissa also encourages more girls to consider a career in the Royal Australian Navy. 'At the time I qualified there had been no other female Electronics Technicians and while more girls have since qualified there are still not nearly enough of us. I am hoping to get awareness out to girls thinking about joining the Navy that an Electronics Technician in Submarines is a fantastic career choice. To all the girls that have never considered a career of a technical nature, I would say think about it because it may not be what you think it is. At the end of the day, you are capable of a lot more than you think you are.'

A career in Navy Trades offers great pay, a secure job and outstanding long-term career prospects. The Navy has something for everyone with their diverse range of technical trade jobs. As Melissa says, 'Defence will give you the diversity of training and experiences, as well as core skills, to be the specialist in your field. You have to fight for that kind of training anywhere else.'

BELOW THE WAVES

If you love being on or around water, how about a career below the waves? Become an Electronics Technician Submariner in the Royal Australian Navy and dive into a career that is challenging and ever-changing.

WHAT IS AN ELECTRONICS TECHNICIAN SUBMARINER?

Electronics Technician Submariners are responsible for the operation, maintenance and repair of all torpedoes, missiles, radar, sonar, navigation, combat data, communications, surveillance equipment and other electronic systems on board the Navy's sophisticated Collins Class submarines.

A TYPICAL DAY

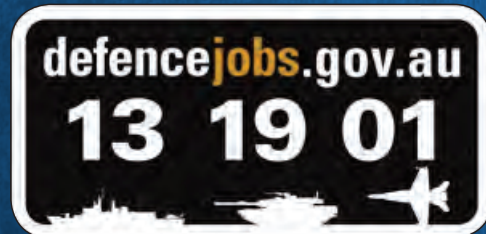
There is no such thing as a typical day for a Submariner in the Royal Australian Navy. On land or at sea your role will change and diversify as you progress through the ranks. Regardless of whether you are a medic, a chef or an electronics technician; as a submariner you are required to have an in-depth knowledge of all systems on the platform. Whatever role you take, you can also qualify as a Ship's Diver to conduct hull inspections and equipment fittings and changes.

HOW CAN I BECOME AN ELECTRONICS TECHNICIAN SUBMARINER?

The Navy is currently recruiting for its 2015/2016 intake! To join the Royal Australian Navy, you will need to be at least 17 years old and have successfully completed Year 10, with passes in English, Mathematics and Science.

defencejobs.gov.au

13 19 01



SEA IT ALL

Want to captain a large vessel, safeguard the world's marine environments, keep the world's goods moving, or design ships and robotic underwater vehicles? Then AMC is for you! AMC is Australia's National Institute for Maritime Education, Training and Research and a specialist institute of the University of Tasmania located in Launceston, Tasmania.



STUDY AT AMC

AMC offers both undergraduate and postgraduate courses across four key study areas, including:

- Marine Environment: Marine conservation, aquaculture, fisheries management and aquatic animal health
- Maritime Engineering: Ocean engineering, naval architecture and marine and offshore systems engineering
- Maritime Business & International Logistics: International logistics (freight forwarding), maritime and logistics management and maritime technology management
- Seafaring: Ocean seafaring, shore-based careers and coastal seafaring

WHAT CAN AMC OFFER YOU?

7 GREAT REASONS TO CHOOSE AMC

1. A global reputation for excellence
2. World-class, multi-million-dollar suite of specialist facilities
3. High graduate employment rate
4. Experienced lecturers with world-wide industry links
5. Flexible course delivery
6. Small class sizes on campus
7. Endless opportunities

FIRST CLASS FACILITIES

AMC's specialist teaching and learning facilities are internationally acclaimed and are utilised by government bodies and maritime-related businesses worldwide, including:

- A fleet of vessels used by many students across all study areas including the 35 metre flagship training vessel "Bluefin"
- The Centre for Maritime Simulations
- The Survival Centre
- Marine Fire Fighting Training Centre
- Australia's National Hydrodynamics Research Centre
- Model Test Basin
- Suite of Laboratories
- Aquaculture Centre

AMC ON THE ROAD

AMC is on the road and will be coming to an event near you! Find out more about student life, course offerings, our facilities and the hands-on experience at AMC by chatting with staff and students. Visit www.amc.edu.au/amc-road to find out more.

FOLLOW AMC ONLINE

Facebook: [australianmaritimecollege](https://www.facebook.com/australianmaritimecollege)
Twitter: @AMCTasmania

STUDENT LIFE AT AMC

YouTube search: Students aboard AMC's Bluefin

WANT TO KNOW MORE?

Check out the AMC website www.amc.edu.au
Enquire Now: www.amc.edu.au/enquiry
or 1300 363 864

Logistics is about getting the right product delivered to the right customer at the right place and at the right cost. Imagine life without logistics – nothing would get from A to B! Your eBay purchase wouldn't arrive and the local electronics shop wouldn't have stock of the latest smartphone or laptop.

The maritime and logistics industries are booming and there is a growing demand for qualified people. Thanks to international trade and online shopping, there are more goods and services being transported around the globe than ever before.

Because of this some of the interesting careers available in maritime and logistics include:

GRADUATE PROFILE: CHRIS

'Whilst I have always had an interest in boats and the ocean, it was the great job prospects that really prompted me to study my degree at AMC in Maritime and Logistics Management. I graduated in 2011 and am now working as a Project Operations Coordinator for Westlink Logistics, which undertakes complex sea and land logistics projects for some of the biggest corporations in the world. I have a diverse role that includes everything from drawing up stowage plans to protecting cargo worth millions of dollars.'

HOW CAN AMC HELP YOU?

The Australian Maritime College offers Maritime Business & International Logistics courses in the following areas:

Maritime and Logistics Management:

Combining core business principles with studies of the maritime industry and the broader logistics sector, giving students an in-depth understanding of the current issues facing the maritime and logistics industries.

International Logistics (Freight Forwarding):

For students who are planning careers in organisations and government departments involved with freight forwarding, international trade, transport and international business, both in Australia and overseas.

Maritime Technology Management:

Covering elements of business, engineering and industry operations in the one program, allowing students to develop skills needed to take up managerial positions in the maritime and logistics industries.

WANT TO KNOW MORE?

Visit the website:
www.amc.edu.au/mlm

A DAY IN THE LIFE

Youtube search:
AMC, Trent Bastian, BP

Commercial Assistant

- Fleet Controller
- Freight Forwarder
- Import/Export Manager
- Inventory Manager

Logistics Analyst

- Logistics Manager

Operations Manager

- Procurement Officer
- Shipping Agent
- Shipyard Manager

Supply and Distribution Officer

- Terminal Manager
- Transport Planner
- Vessel Planner
- Warehouse Controller

DO YOU HAVE WHAT IT TAKES?

Are you

- a good communicator?
- a problem-solver?
- a team player?
- keen to travel?
- organised?
- able to meet deadlines?
- good with numbers?

SHIP IT

SEA THE FUTURE



SEA

GO ONLINE

Go to www.amc.edu.au/maritime-engineering to find out more!

A DAY IN THE LIFE...

Youtube Search: **AMC, Sam Wilson-Haffenden**

Have you always wanted to be part of something big? What about helping to build Royal Australian Navy submarines or patrol boats, developing super yachts for the America's Cup, project managing the installation of offshore oil and gas platforms and generating, or even designing remote operated underwater vehicles? With a career in maritime engineering you can!

EXCITING CAREER OPTIONS

Some of the amazing career opportunities open to maritime engineers and naval architects include:

- Creating ports, harbours and coastal facilities
- Developing alternative energy systems: wind, wave or tidal
- Being part of an America's Cup campaign
- Project managing the installation of oil and gas platforms
- Overseeing the construction of passenger and cargo ships
- Deploying and commissioning systems on offshore platforms, semi-submersibles, high speed craft, merchant ships, tankers and cruise liners
- Designing underwater remote operated vehicles

DO YOU HAVE WHAT IT TAKES?

- Enjoy technical and engineering activities?
- Have strong maths and physics aptitude?
- Have good oral and written communication skills?
- Have an aptitude for computing and technical design?
- Have practical and creative abilities?
- Like solving problems?
- Have an interest in the marine environment?

STAY IN SA AND STUDY

Are you interested in a degree with AMC, but want to stay in SA? Now you can!

- Flinders University and the Australian Maritime College have joined forces to create a "2 + 2" program enabling students who enrol in a Bachelor of Engineering (Naval Architecture) degree to spend their first 2 years studying in Adelaide, followed by a final 2 years at AMC in Tasmania.
- For further details, search "naval architecture" on the AMC or Flinders University websites.

MATHS IN SCHOOLS

If you're interested in a career in maritime engineering, a strong background in Maths will be an asset to you – you can count on it! AMC's "Maths in Schools" program demonstrates how what you learn in school can be applied to real-life engineering projects. Talk to your Maths teacher about getting a free "Maths in Schools" presentation at your school today!

HOW CAN AMC HELP YOU?

A degree in Maritime Engineering at AMC offers you the ability to select from the following specialisation options:

Bachelor of Engineering (Naval Architecture):

Combines a core set of fundamental engineering units with a focus on marine craft design and technology. Naval Architects are responsible for the design and construction of marine crafts such as high speed ferries, submarines, racing yachts, naval vessels, cargo ships and offshore floating systems.

Bachelor of Engineering (Ocean Engineering):

Prepares students to work in the design, construction, installation and management of offshore fixed, floating, subsea and coastal structures. It focuses on wave mechanics, hydrodynamics, structural mechanics and dynamics of offshore and subsea structures and coastal technologies for marine aquaculture, ocean and subsea structures, sustainable design and risk.

Bachelor of Engineering (Marine & Offshore Engineering):

Builds on core engineering units and specialises in associated mechanical and mechanical-electrical power generation, machinery and operational systems. Marine & offshore engineers are responsible for the selection, deployment and commission of machinery, machinery systems and operational systems for merchant and naval vessels plus offshore floating and fixed vessels/structures.

STUDENT PROFILE: KATRINA

'AMC is a great starting point for a career in maritime engineering. Originally I wanted to design yachts because I had sailed dinghies at high school, but as I progressed through my degree I became more interested in naval ships. After a cadetship I gained a permanent position with the Directorate of Submarine Engineering based at ASC in Adelaide. My PhD research is in the use of seismic air guns as an alternative for underwater explosions (using high explosives) when shock testing naval ships. AMC is very highly respected throughout the industry in both defence and commercial circles.'

UNDER THE SEA

A career in the marine environment industry could see you protecting the natural wonders of our oceans, restoring marine ecosystems, pioneering new ways to culture fish or ensuring the sustainability of the world's essential fishing industries.

WORLDWIDE CAREERS

As marine environments exist all over the world, the employment opportunities are global and endless! AMC currently has graduates working in marine environments in over 50 countries. A career in the marine environment industry really could be your "Ticket to the World"!

HOW CAN AMC HELP YOU?

The Australian Maritime College offers marine environment courses in the following areas:

Aquaculture: investigates the growing industry of the production and husbandry of aquatic organisms such as fish, molluscs, crustaceans and aquatic plants. This area integrates:

- Aquatic animal health
- Biological & environmental sciences
- Technology
- Production
- Policy
- Business
- Nutrition and feeding

Fisheries Management: explores the growing pressure on fish stocks, applies advanced scientific, technological and management solutions necessary for sustainable wild-capture fisheries.

Marine Conservation: focuses on the protection and preservation of marine ecosystems and covers issues such as:

- Restoration of damaged ecosystems
- Safeguarding species
- Invasive species
- Human impacts

Aquatic Animal Health (Postgraduate only): provides specialist training to those responsible for policy development and management, research and diagnostics in the area of aquatic animal health. Students gain advanced knowledge of aquatic animal health-related issues that focus on:

- Aquatic disease processes
- Control
- Prevention
- Diagnostic methods

EXCITING CAREER OPTIONS

Some of the interesting careers available in marine environments include:

- Marine Biologist
- Fisheries Officer
- Scientific Diver
- Marine Biologist
- Marine Ecologist
- Fisheries Observer
- Aquaculture Technician
- Fisheries Technician
- Fish Farmhand
- Fishing Inspector
- Agricultural Scientist
- Resource Economist
- Marine Scientist
- Marine Park Manager
- Ecologist
- Researcher
- Botanist

A DAY IN THE LIFE...

YouTube search:
AMC, Fish Health Laboratory

DO YOU HAVE WHAT IT TAKES?

- A passion for the marine environment and its inhabitants
- A practical approach to work
- An interest in science
- Good observational skills
- Want to make a difference?
- Analytical and problem-solving ability
- Good oral and written communication skills
- Good negotiation and conflict resolution skills
- A love for diving, boats or fishing

GRADUATE PROFILE WILL

'AMC is on the doorstep of some of the most pristine temperate marine ecosystems in the world. Studying at AMC gave me the opportunity to learn about the biology, fishing industry and issues facing resource sustainability. I studied a Bachelor of Applied Science (marine environment) degree with Honours and I have secured a job as a Bycatch and Discards Officer with the Australian Fisheries Management Authority (AFMA) based in Canberra. I love the hands-on learning experiences that AMC offers, and the research facilities are cutting edge.'

WANT TO KNOW MORE?

Visit the website: www.amc.edu.au/marine-environment

COAST TO COAST

Love the ocean and want to travel? Or perhaps you want an exciting career working ashore? Whether your heart is at sea or on solid ground, there's a seafaring or maritime-related career waiting for you!

STUDENT PROFILE KIRSTEEN

'I managed to get a cadetship with Farstad Shipping Indian Pacific, who sponsored my training with AMC. I have worked on numerous different offshore vessels and love working on ships! I'd like to think I'm breaking stereotypes and hopefully opening up opportunities for young women in seafaring.'

THE OPPORTUNITIES ARE ENDLESS!

You could take to the sea working on tourism charter boats... your career choice could find you working on some of the world's biggest and best ships, travelling the world as a deck or engineering officer in the merchant navy or as part of the massive cruise ship industry.

EXCITING CAREERS

Some of the many interesting careers available in seafaring include:

Ocean Seafaring:

- Integrated Rating
- Deck Officer
- Cruise Ship or Super Yacht Master

Shorebased:

- Stevedore
- Ship Manager
- Harbour Master
- Maritime Regulator

Coastal Seafaring:

- Marine Engine Driver
- Skipper
- Deckhand
- Tug Master
- Marine Pilot
- Electrotechnology Officer
- Marine Engineer

A DAY IN THE LIFE...

YouTube search: AMC's Naval Architecture students in the water

DO YOU HAVE WHAT IT TAKES?

- A good team worker?
- Interested in technology and engineering?
- Able to cope with a physically demanding role?
- Passionate about the ocean?
- Good with manual activities and machinery operation?

HOW CAN AMC HELP YOU?

The Australian Maritime College offers seafaring courses in the following study areas.

Ocean Seafaring:

- Deck Officer Training
- Marine Engineering Officer Training
- Bachelor of Applied Science (Specialisation)
- Vocational Education (Integrated Rating)

Coastal Seafaring:

- Deckhand (Cert I)
- Coxswain (Cert II)
- Marine Engine Driver (Cert II, III and IV)
- Master Class (Cert III, IV and Diploma)
- Skipper (Cert III and IV)
- Engineer (Diploma)



UNIVERSITY of
TASMANIA

AMC
Australian Maritime College

STORIES ABOUT WORK IN COMMUNITY SERVICES ACROSS THE NORTHERN TERRITORY

COMMUNITY SERVICES WORK

How would you like a job that challenges you and allows you to make a difference to the lives of others every single day? With a career in Community Services, it's possible!

YOUR COMMUNITY NEEDS YOU!

Community Services and Health is Australia's biggest industry grouping and the percentage of our workforce currently employed in this area is expected to grow drastically over the next decade. Our population is ageing and we need more young men and women to work in community health, aged care, disability care, mental health, children's and youth services and Aboriginal and Torres Strait Islander health.

DO YOU HAVE WHAT IT TAKES?

Are you...

- Caring?
- Compassionate?
- Outgoing?
- Dedicated?
- Patient?
- Professional?
- Eager to help others?

If so, then a career in Community Services could be perfect for you!

WANT TO KNOW MORE?

For more information on careers in Community Services, check out these great websites:
www.carecareers.com.au
www.myskills.gov.au
www.hstac.com.au

ELIZABETH STUBBS

CLINICAL MANAGER,
HEALTHY FAMILIES DEPARTMENT
COUNCIL FOR ABORIGINAL
ALCOHOL PROGRAM SERVICES,
DARWIN



POSSIBILITIES

In 1999 I started working at an AOD (Alcohol and Other Drugs) treatment centre in a remote Aboriginal Community in the Northern Territory. I was working with children from families where there were substance use issues. Doing this work made me think about how much I would like to study psychology so that I could better help families with their AOD problems. Because I didn't finish Year 12, I had to complete a Territory Enabling Program through TAFE to enter into the Bachelor of Behavioural Science.

BEGINNING CAREER STEPS

In 2007 I started working at CAAPS (Council for Aboriginal Alcohol Program Services), an Alcohol and Drug Treatment Centre in Darwin. This organisation placed a high emphasis on supporting staff through education and I completed both a Certificate III in Community Services and a Certificate IV in Alcohol and Other Drugs.

WILLING TO LEARN

The more studies that I completed that were related to the work I was doing, the more I felt that I was better able to help clients and their families through their recovery from alcohol and other drugs.

LEADERSHIP

Last year I was promoted to the position of Clinical Manager within CAAPS, and this year I finally finished my bachelor degree. The position that I have as Clinical Manager is great. While I am still involved in the care of clients through my supervision of staff who are delivering programs to clients; I am also learning a lot about effective management of programs and staff, and more about how implications of evidence-based practices in AOD treatment can produce better outcomes for clients.



SORAYA DANIEL

RJCP CASE COORDINATOR,
CENTRAL DESERT
REGIONAL COUNCIL
YUENDUMU COMMUNITY



SETTING GOALS

My journey began when I started my Year 10 work placement with QLD Health as an administration officer. My goal in Year 12 was to achieve as many awards as I could. I won Senior Dux, Sportsperson of the Year and Community Service and various other subject awards. I went on to study drama at university, and when I was working for the Northern Peninsula Area Regional Council as CDEP (Community Development Employment Projects) Mentor/Community Development Officer, I was selected to take part in the QLD Indigenous Leadership Youth Program. This involved taking trips to parliament and presenting on local issues and local solutions.

JOB PATHWAYS

I am now working as a Case Coordinator supporting unemployed people in the Tanami Desert of the Northern Territory. A typical day in my job includes organising different activities for jobseekers, assessing and creating individual pathway plans, assisting and mentoring people who are new to the workforce, shopping for supplies, administration tasks, updating resumes and liaising with other stakeholders in town.

OPPORTUNITY

Year 10 students should think about setting goals, but always be ready to take other opportunities that come along, even if they are not a part of your plan. You never know where these opportunities could take you! Always try your best in whatever you do, and remember that learning doesn't finish at the end of a traineeship or apprenticeship, it is a life-long experience.

WHAT IS POSSIBLE

The highlight of my career was when I attended and presented at the World Indigenous People's Conference in Education in Hawaii this year. I never dreamed that I'd ever have this opportunity because I thought it was way beyond anything I could do. I had some help in making this possible and I also had a mentor; so if you know someone in your life that can help you to achieve your dreams, take that opportunity too! My motto in life is 'hope, dream and believe', and always do something you love – especially in your work life.



COMMUNITY HEALTH

Promoting wellness amongst all Territorians and addressing illness, injury and impairment throughout the community.

Assisting and enhancing quality of life for the disabled, people who are ageing and their families.

DISABILITY AND AGED CARE

CHILD AND YOUTH SERVICES

Assisting with health care and development of current and future generations of children in the NT, from pregnancy and early childhood years through to adolescence.

Improving indigenous health and wellbeing and helping to overcome indigenous disadvantage more generally.

ABORIGINAL AND TORRES STRAIT ISLANDER HEALTH

WHAT CAREERS ARE AVAILABLE?

Wherever your interests lie, in Community Services you'll find a job that is different every day; where you'll meet new people, learn new things and constantly feel rewarded. With so many diverse career options and unique opportunities available, the hardest part is choosing which one is right for you!

Career Adviser	Aboriginal and Torres Strait Islander Health Worker
Health Promotion Officer	Health Information/Services Manager
Child Care Worker	Probation Officer
Counsellor	Social Worker
Early Childhood Teacher	Teacher
Aged Care Worker	Health Worker
Human Resources Officer	Disability Support Worker

HOW CAN YOU GET STARTED?

Generally you will need to undertake some formal training to start out in a career in Community Services. This training might be on-the-job, online with distance learning or in a classroom setting though a Registered Training Organisation (RTO). The type of training you need will depend on the particular role you are seeking.

For example, the following qualifications can provide you with the skills and knowledge to start out in a career in Community Work, Early Childhood Education and Aged and/or Disability Work. This training can be undertaken both on and off-the-job, so you have the option of getting paid to work while you learn.

Community Work

- CHC20112 Certificate II in Community Services to start
- CHC30112 Certificate III in Community Services Work

Early Childhood Educator

- CHC30113 Certificate III in Early Childhood Education and Care
- CHC50113 Diploma of Early Childhood Education and Care

Aged and/or Disability Work

- CHC30212 Certificate III in Aged Care
- CHC30308 Certificate III in Home and Community Care
- CHC40312 Certificate IV in Disability

GO FOR GOALS

So you've thought about career pathways. Have you thought about goal setting for other parts of your life? It can't hurt to start planning ahead to achieve your dreams:



LIFE AS A CHARTERED ACCOUNTANT IS ANYTHING BUT ORDINARY

Are you looking for a career with:

- A globally recognised and respected qualification
- High earning potential
- Better likelihood of job security
- The opportunity to live and work anywhere in the world?

Kelly Howlett CA, Funds SA



If so, becoming a Chartered Accountant could be for you.

Accounting is so much more than spreadsheets and maths. It's about important skills like leadership, communication and developing practical solutions. You'll steer the direction, success and evolution of business, act in the best interest of society, lead industry thinking and make a positive difference.

To find out more visit

charteredaccountants.com.au/students



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