The September issue of Career Insights has a focus on occupations and career paths in the marine and maritime sector. A multitude of different courses in these areas are outlined and labour market information presented. There are also tips for how to apply for courses at TasTAFE and how to practise your job interview skills.
What’s On?

The month of September Architecture and Design Field Trip – an Invitation to Years 10, 11 and 12 students to visit UTAS Architecture and Design Centre for a guided tour.

4-6 September - Science and Engineering Investigations Awards - North West, Cradle Coast Campus of the University of Tasmania.

6 September - University of Tasmania Pharmacy Taster Day. Participate in workshops around the topics of pharmacy and your health, pharmaceutical science, community pharmacy simulation and testing pharmaceuticals. For students in Years 9, 10, 11 and 12. Morning tea and lunch provided. UTAS Sandy Bay Campus, Pharmacy 9.30am - 3.00pm. For more information: ph: 03 6226 7670, or email: Pharmacy@utas.edu.au

6-7 September - Science and Engineering Investigations Awards – North, Newnham Campus of the University of Tasmania.

7 September - Try an Australian Defence Forces Fitness Test at Hobart Mumma HQ, Cambridge. Session 1 – 9.30-11.30 am. Session 2 – 12.30 - 2.30 pm. Register here.

13 September - Science and Engineering Investigations Judging – South, Centre and University Centre, Sandy Bay campus, of the University of Tasmania Hobart.

14 September - Australian Defence Forces Open Day, Defence Force Recruiting Centre, Hobart, 10.00 am - 4.00 pm. Register here.

18 September - Science and Engineering Investigations Project displays and presentation evening – South. Activities Centre and University Centre, Sandy Bay campus, of the University of Tasmania Hobart.

24 September - Rotary Employment Day. A great chance to engage in interviews with local business owners. Launceston Conference Centre, for more information and registration options visit the event page.

25 September - Women in Defence Information Session, Defence Force Recruiting Centre, Hobart. 6.00 - 7.30pm More information and registration here.

Milking the Future Expo

24 October - Burnie Arts and Function Centre

This new careers expo around exploring careers in emerging agriculture, dairy, food technology and allied industries, provides an opportunity for students to engage with industry from the local region in these areas. There will be opportunities for students to get hands on with activities across a range of jobs. For Years 5 to 8. For more information email: admin@dairytas.net.au
Maritime and Aquaculture VET in Schools and Colleges

Year 11 and 12 students in Tasmania can start their vocational education and training pathway while at school or college by studying a course in Aquaculture and/or Maritime Operations.

Maritime Operations. This course covers boat handling, maritime rules and regulations, emergency survival skills, health and safety and first aid. You can study Maritime Operations at Rosny College and Huonville High School. Successful completion of this course leads to a Statement of Attainment comprised of units from Certificate I and Certificate II Maritime Operations.

Certificate I and Certificate II in Aquaculture. These courses cover the seafood industry in Tasmania, the life cycle of farmed seafood and work health and safety. You can study these courses at Huonville High School and Huonville Trade Training Centre.

Catholic Education and Independent schools may offer these courses. Check with your school's course guide to find out.

Scholarships for Commencing Students at the Australian Maritime College

Commencing Students
Australian Mariners’ Welfare Society Scholarships- $3,000 for one semester.
Merchant Navy War Memorial Fund Scholarship - $2,500 for one semester.
TasPorts Charles Black Memorial Scholarship - $5,000 per year for up to four years.

Women in Seafaring Scholarship – One semester on-campus rental accommodation costs for the first semester of the first year of study plus $2,000 towards educational costs.

VET Students at AMC
Australian Mariners Welfare Society Scholarship - $3,000 for one semester.
Merchant Navy War Memorial Fund Scholarship - $2,500 for one semester.

Applications close on 31st October
Start your application by visiting the UTAS scholarship application web page.

Careers in Marine Science Publication

Download the Australian Marine Sciences Association (AMSA) booklet with information on 26 career options in Marine Science. Career options include Archaeology, Ecotourism, Fisheries, Geoscience, Mariculture, Physical Oceanography, Zoology, and more.

Working on Water: Registrations Closing Soon

Registrations for the Working on Water work exposure opportunity for Years 9 and 10 Tasmanian students close soon. The southern Working on Water program is being held in Hobart over three days on 21, 22 and 23 October. The northern Working on Water program is being held over two days on 28 and 29 October in Launceston.

The Working on Water program introduces students from Years 9 and 10 to a wide range of career opportunities in the marine sector. Working on Water is a ‘hands on’ career pathway program that will introduce students to the diverse range of professions available on, in and around the marine environment. Career options include positions in the seafood industry, marine sciences and tourism.

Find out more about the Working on Water program on the Working on Water website. Your school Careers Adviser or My Education Coordinator will have more information. Registrations close on 24 September.
Focus on Marine, Antarctic and Maritime Courses in Tasmania

It makes sense that as an island state, there are a number of courses in Tasmania where you can study for a career related to seafood, marine science, the Antarctic or the maritime industry. Three education and training institutions offer such courses. You can even start an aquaculture or maritime career by studying a VET course at school or college. Here are links to Marine, Antarctic and Maritime courses in Tasmania.

Australian Maritime College – Vocational Education and Training (VET) Courses

Certificate I in Maritime Operations (General Purpose Hand Near Coastal)
Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)
Certificate II in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
Certificate III in Maritime Operations (Coxswain Grade 1 Near Coastal)
Certificate III in Maritime Operations (Coxswain Grade 2 Near Coastal)
Certificate III in Maritime Operations (Integrated Rating)
Certificate IV in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
Certificate IV in Maritime Operations (Master up to 3M Near Coastal)
Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)
Diploma of Maritime Operations (Marine Engineering Class 3 Near Coastal)

Seafood and Maritime Training

Seafood and Maritime Training delivers a range of maritime and seafood training courses. Seafood courses are often completed while employed in the industry. Maritime courses are undertaken by anyone who is interested in gaining a relevant qualification.

Coxswain Deck
Coxswain Engineering
Coxswain Navigation
Deck Machinery and Lifting Appliances
Elements of Shipboard Safety
First Aid – Workplace Level 2
Forklift
Long Range Operators Certificate of Proficiency (Marine Radio)
Marine Engine Driver Grade 2 NC - MAR30818 Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
Marine Engine Driver Grade 3 NC - MAR20418 Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)
Master 24M NC (M5) - M24 - MAR30918 Certificate III in Maritime Operations (Master up to 24M Near Coastal)
Master < 35M NC (M4) - MAR30918 Certificate III in Maritime Operations (Master up to 24M Near Coastal)

Australian Maritime College – Higher Education Courses

Bachelor of Applied Science (Maritime Engineering)
Bachelor of Applied Science (Nautical Science)
Bachelor of Global Logistics and Maritime Management
Bachelor of Marine Engineering (specialisation) with Honours
Bachelor of Global Logistics and Maritime Management with Honours
Associate Degree in Global Logistics and Maritime Management
Advanced Diploma of Applied Science (Maritime Engineering)
Advanced Diploma of Applied Science (Nautical Science)
Advanced Diploma of Applied Science (Marine Electrical Engineering)
Diploma of Global Logistics and Maritime Management

University of Tasmania

Bachelor of Marine and Antarctic Science
Associate Degree in Marine and Antarctic Science

Pathway Programs

Diploma of University Studies (Science Specialisation)
University Preparation Program
Labour Market Information - Marine and Maritime Careers

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Size Australia-wide</th>
<th>Employment growth or decline over last 5 years</th>
<th>Expected Future Employment Prospects</th>
<th>*% Employed in Tasmania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquaculture Farmer</td>
<td>Very Small (2,700)</td>
<td>Very Strong growth</td>
<td>No change expected</td>
<td>24.0</td>
</tr>
<tr>
<td>Aquaculture Worker</td>
<td>Very Small (1,400)</td>
<td>Very Strong growth</td>
<td>No change expected</td>
<td>40.2</td>
</tr>
<tr>
<td>Boatbuilder and Shipwright</td>
<td>Very Small (4,400 workers)</td>
<td>Strong growth</td>
<td>No change expected</td>
<td>4.6</td>
</tr>
<tr>
<td>Deck and Fishing Hands</td>
<td>Small (7,900 workers)</td>
<td>No change</td>
<td>No change expected</td>
<td>8.3</td>
</tr>
<tr>
<td>Marine Biologists</td>
<td>Very Small (670 workers)</td>
<td>Declined</td>
<td>No data available</td>
<td>12.4</td>
</tr>
<tr>
<td>Geologists, Geophysicists, Hydrogeologists</td>
<td>Medium (12,100 workers)</td>
<td>Declined</td>
<td>Strong growth expected</td>
<td>2.2</td>
</tr>
<tr>
<td>Marine Transport Professionals - includes Master Fishers, Marine Engineers, Ship’s Masters, Ship’s Officers, Marine Surveyors.</td>
<td>Small (8,800 workers)</td>
<td>No change</td>
<td>Moderate growth expected</td>
<td>2.8</td>
</tr>
<tr>
<td>Other Engineering Professionals – includes Naval Architects, Environmental Engineers and more.</td>
<td>Medium (14,200 workers)</td>
<td>Very strong growth</td>
<td>Very strong growth expected</td>
<td>1.1</td>
</tr>
</tbody>
</table>

What Does This Labour Market Information Mean?

Only 2% of Australia’s jobs are in Tasmania. However, Tasmania punches above its weight with the number of jobs in the occupations of Aquaculture Worker and Aquaculture Farmer in particular but also Fishing and Deck Hands and Marine Biologists. While the number of jobs in Tasmania in these occupations is promising for students thinking of pursuing a career in aquaculture, fishing, boating and marine biology, it is worth noting that the number of jobs in these occupations is small compared to the number of jobs in many other occupations. Although the number of jobs grew strongly over the last 5 years for several of these jobs, this growth is expected to stabilise over the next 5 years. Of particular note, the very small occupation of Marine Biologist declined from 840 to 670 jobs Australia-wide over the last 5 years. Although 12.4% of Australia’s Marine Biologists are employed in Tasmania, entry into this occupation is likely to be highly competitive and it may not be easy for some graduates to get a job as a Marine Biologist immediately after finishing a related Bachelor degree.

The uncertainties in the labour market highlight the importance of having a career goal and back-up plans in case there are limited job opportunities in your preferred occupation when you are looking for a job. It is also important to be flexible and open-minded and to embrace learning and work opportunities that may come your way even though they may not have been in your original career plan.
To apply for a course at TasTAFE you need to:

• Know what course you want to apply for
• Attend an Information Session
• Enrol if you are offered a place in your preferred course.

**Knowing Your Course Preference:**

• You can research courses on the TasTAFE website. From the Courses tab, find the program area of interest to you and scroll down to the course list. Read the information to see if the course interests you. Make sure you check out the essential requirements and suitability sections to see if you are likely to be eligible for the course.

• You can attend TasTAFE Info Week from 25-29 November to get information about courses that will be available for 2020. To find out more visit the TasTAFE future dates webpage.

• You can submit an online contact form or ring TasTAFE on 1300 655 307 to enquire about course information.

**Attend an Information Session**

As part of the application process, you will attend an information session. The dates and times of these information sessions are advertised on the course information page on the TasTAFE website. Dates, venues and times for some TasTAFE courses commencing in 2020 are already listed on the course information page. Alternatively, you can submit an online enquiry or ring TasTAFE on 1300 655 307 at any time to express interest in your preferred course. TasTAFE will get back to you to advise the dates, venue and times of information sessions.

Full details of the application process for TasTAFE are available on the apply and enrol webpage.

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**Job Interview Practise**

Many high school and college students start looking for jobs now:

1. Many senior high school and college students in Northern and North Eastern schools and colleges may have booked job interviews with employers participating in Rotary Employment Day in Launceston on 24 September.

2. Many students who are leaving school start applying for apprenticeships or traineeships for the end of the year or in 2020.

3. Many high school students apply for Christmas casual jobs and some are selected for an interview.

If you are applying for a job, an apprenticeship or traineeship, now is a good time to practice your job interview skills. There are many excellent tools to help you prepare and practice so you feel confident in your next job interview.

**Practise Answering Job Interview Questions**

**jobactive**’s interview practice video clips enable you to practice answering job interview questions related to a career field or industry that appeals to you (Select Interview Practice).

Choose an interview practice video clip to:

• Find out what questions real employers in different industries may ask in a job interview.

• Record your answers to interview questions the employers ask on your smartphone, tablet or by webcam.

• Listen to what the employer says they look for when interviewing job candidates for job roles in their industry.

• Play back your answers to the interview questions and think about any changes you would like to make.

Here are some other links to help you prepare for your next job interview.

• Read this Youth Central article about what to expect at a job interview

• Read the Youth Central article on what to research when you are preparing for a job interview

• Create a great first impression by how you present yourself at an interview. Read an article and watch a video clip for some ideas

• Watch a video clip to find out some questions commonly asked in interviews

• Watch some sample interviews here and here

• Watch this playlist of videos for more amazing tips on how to build your interview skills and more.
If you have a job interview coming up, use the jobactive interview practice videos to practice answering job interview questions. Available [here](#) and [here](#).

As part of their job search strategy, students who are looking for an apprenticeship or traineeship for 2020 are advised to regularly search for vacancies on major job boards such as SEEK, CareerOne, Jobsearch, and more.

**Seafood Jobs**

[www.seafoodjobs.org](http://www.seafoodjobs.org)

The Seafood Jobs website estimates that approximately 4,000 Tasmanians work in the seafood industry. This website is devoted to this industry. Features of this website include:

- A directory showing the location and profile of major seafood businesses in Tasmania.
- The Training section allows you to explore seafood industry career options on land or on water, including the skills you need and the required level of training.
- The Jobs section contains current job vacancies in the Tasmanian seafood industry. If you are looking for a job, you can register and create your online Résumé. Employers who are wanting to recruit staff are likely to consult the jobseeker register to see who is available. This may be good way to get a job before it is advertised.

**Career Actions**

- **Year 12 – University of Tasmania scholarship applications close on 31 October.** Complete a detailed scholarship application to enhance your chances of getting a scholarship offer.

- **Year 12 students who need to move away from home for study in 2020 should be researching and applying for accommodation now.**