

Equipment Design and Technology

With rapid technological advancements in the digital fabrication industry, there has never been a more exciting time to consider a career in equipment design and technology.

Available to study in Tasmania's innovative North-West region, our Associate Degree has been designed through local industry to give you the skills to drive real innovation.

Studying with us means collaboration and placements with industry, and opportunities to co-design and deliver exciting real-world projects. By working with industry, you will have the opportunity to apply and strengthen your knowledge, while meeting prospective employers for the future.

WHY STUDY EQUIPMENT DESIGN AND TECHNOLOGY WITH US?



Get hands-on experience with industry-based projects, designing and fabricating original manufactured outputs and objects.



Fast-track and complete your studies in two years.



Finish your degree with an impressive portfolio of work.

Associate Degree in Equipment Design and Technology

> [VIEW COURSE DETAILS](#)

Duration Min. 2 years, up to a max. of 5 years

Location Cradle Coast

Intake Semester 1 and Semester 2

Undergraduate Certificate in Equipment Design and Project Management

> [VIEW COURSE DETAILS](#)

Duration Min. 6 months, up to a max. of 2 years

Location Fully online

Intake Semester 1

CAREER OUTLOOK

This course is suited to individuals pursuing a career in the manufacturing industry across a range of roles.

The primary roles available to graduates are in design and fabrication, with opportunity for other positions within quality control, logistics and project management.



I see great benefit in studying at the TMMEC facility, with several businesses in that space providing access to some of the leaders in the Tasmanian manufacturing and technology space, regularly passing through the doors."

– ANTHONY MOLDENHAUER, STUDENT



WHAT WILL I STUDY?

When undertaking the Associate Degree in Equipment Design and Technology, you'll get hands-on experience in designing and producing equipment, in a real-world digital fabrication environment.

You'll see your designs come to life with cutting-edge equipment such as 3D scanners, laser cutters, 3D printers and virtual/augmented reality technology.

Learning to use the tools of the future means you'll have plenty of exciting career options to choose from.

As part of this course, you'll also learn core skills needed in any workplace, such as critical thinking, project management, design thinking, communication, teamwork and digital literacy.

By completing the Associate Degree in Equipment Design and Technology, you may receive some credit towards a bachelor degree at the University of Tasmania. The amount of credit received will be subject to the University's discretion.

Several students worked with Tasmania Police to develop prop guards for drones. This project used 3D printing to create a lighter and stronger alternative to commercially available drone guards.

"It was great working on the Tasmania Police Drone project. I enjoyed the opportunity to apply my skills on a real industry project while using cutting edge technology."

- TANZIM TAHER

Our OEM Facility

Thanks to our OEM (Original Equipment Manufacturer) facility, the North West is one of the best places in the world to study Equipment Design and Technology. Co-located with industry at the Tasmanian Minerals Manufacturing and Energy Council (TMMEC) facilities, you'll have the opportunity to rub shoulders with industry professionals as you work collaboratively on real-world projects.

Learn more about our Equipment Design and Technology course here.