



UEE62111 Advanced Diploma of Engineering Technology - Electrical

National ID: UEE62111 | State ID: A175

About this course

This course leads to a job of the future with STEM skills highly prized in the implementation of smart homes (Internet of Things), automated industrial production line mechatronics, administering or upgrading infrastructure for small to large scale businesses among many other innovative applications.

Gain these skills

- programmable logic controllers using the industry-based system Supervisory Control and Data Acquisition (SCADA)
- electrical design
- motor control
- computer programming
- diagnose faults or malfunctions in electrical systems
- provide alternative approaches or solutions
- software applications
- pneumatic systems

Specialist applied engineering facility at Munster campus

Students study this course at our state-of-the-art Applied Engineering building at Munster campus, featuring

mechatronics labs and technical engineering workshop rooms. In our courses, you'll have access to modern equipment such as 3D printers, laser cutters, civil engineering compression labs to name just a few.

Overview

All year round, 2020

Munster - Part Time-Self Paced



Duration: **24 Months**



When: **All year round**



How: **Part Time**

Semester 1, 2020

Munster - Full Time-Classroom



Duration: **2 Years**



When: **Semester 1, 2020**



How: **Full Time**

Semester 2, 2019

Munster - Full Time-Classroom



Duration: **2 Years**



When: **Semester 2, 2019**



How: **Full Time**

Entrance requirements

School Leaver

Non-School Leaver

AQF

Completion of WACE General or ATAR
(Minimum C Grades) or equivalent

Completion of WACE General or ATAR or
equivalent (minimum C Grades)

Certificate III

Study pathway



[Certificate III in Engineering - Technical](#)



[Diploma of Engineering - Technical](#)



[Maintenance Planning, Scheduling and Coordination Skill Set](#)



[Applied Engineering Drawing and CAD Skill Set](#)



[Applied Engineering Mathematics Skill Set](#)



[Advanced Diploma of Engineering Technology - Electrical](#)

Part time study is available by enrolling in the three skill sets listed above, which make up the Diploma qualification and provide credit for this Advanced qualification.

Become a specialist in your field with university study

This course has a university study pathway as at **14 August 2019**.

Curtin University – Bachelor of Engineering (Honours) – 150-200 credits

Curtin University – Bachelor of Science (Multidisciplinary Science) – 150 credits

Edith Cowan University – Bachelor of Engineering (Electrical and Renewable Energy) (W21) – Up to 120 credits

Edith Cowan University – Bachelor of Engineering (Electrical Power) (Y49) – Up to 120 credits

Edith Cowan University – Bachelor of Engineering (Electronics and Communications) (Y51) – Up to 120 credits

Edith Cowan University – Bachelor of Engineering (Instrumentation Control & Automation) (Y46) – Up to 120 credits

Murdoch University – Bachelor of Engineering (Honours) in Industrial Computer Systems Engineering (H1264) – 6 credits

Murdoch University – Bachelor of Engineering (Honours) in Instrumentation and Control Engineering (H1264) – 6 credits

Murdoch University – Bachelor of Engineering (Honours) in Renewable Energy Engineering (H1264) – 6 credits

The information about university credit points and tuition costs provides a general guide only. To check the current credit arrangements and to find more information about how credits work at the listed university of your choice, visit TAFE International WA's [University Pathway Finder](#).

Job opportunities



[Senior technical officer | Electrical and control support |](#)

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

SM TAFE actively promotes the employment availability of course graduates to key industry partners and organisations. We also seek expressions of interest from organisations for the placement of our students into work experience. We endeavour to assist students into a career pathway, but please be aware that neither employment nor work experience placement is guaranteed by us.

To access free career planning and job search assistance, visit the [Jobs and Skills Centres](#) page.

Fees and charges

Indicative fees and charges

[2019 general admission fees list](#)

[2019 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Priori

Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students
- Based on unit electives designed to meet localised industry demand for skills
- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.

Please note, fees are subject to change.