

# ELECTROTECHNOLOGY COURSES



The digital age is creating an unprecedented demand for electricians specialising in telecommunications, instrumentation, security and electronic control systems, and information technology. Electrical trades and electronics influence almost every aspect of daily life. Studying at TAFE NSW means you'll always work closely with technology to maintain, repair and create custom solutions. You can even connect your studies to a degree at a university, or study the TAFE NSW Associate Degree of Applied Engineering (Renewable Energy Technologies).

**"My TAFE training has been the cornerstone to gaining a job and embarking on a rewarding and successful career path in sheetmetal manufacturing."**

MICHAEL, CERTIFICATE III IN ENGINEERING (LIGHT FABRICATION)

## IS IT RIGHT FOR YOU?

- Do you enjoy getting technical?
- Do you like detailed work and using your hands?
- Do you want to maintain, repair and create custom solutions?
- Are you good at maths?

## COURSES WE OFFER INCLUDE:

- Instrumentation
- Electrical Fitting
- Electrical trades
- Electronics
- Power Systems

## CAREER OPPORTUNITIES

- Electrician (Licensed)
- Instrumentation and Control Technician
- Electronics and Communications Technician
- Electrical Fitter
- Machine Repair Tradesperson
- Switchgear and Control Gear Tradesperson
- Security System Installer

## BASIC SKILLS TO TOPNOTCH CAREERS

Certificate III in Electrotechnology Electrician (available as an apprenticeship) (UEE30811)

A career as an Electrician or Electrical Mechanic

Diploma of Electrical Engineering (UEE50411)

Engineering Technologist or a range of related electrical engineering careers

**TAFE NSW Associate Degree of Applied Engineering (Renewable Energy Technologies) (HE20502)**

Specialist and Engineer careers in renewable and sustainable energy

## TAFE NSW Bachelor of Business (HE20514)

Take your career to a higher level. This degree allows you to finetune commerce and management skills to your sector.

# ELECTROTECHNOLOGY COURSES

ELECTROTECHNOLOGY		
COURSE	QUALIFICATION	CODE
Applied Engineering (Renewable Energy Technologies)	Associate Degree	HE20502
Electrical - Engineering	Advanced Diploma	UEE62211
Engineering Technology - Electrical	Advanced Diploma	UEE62111
Engineering Technology - Electronics	Advanced Diploma	UEE61711
Electrical Engineering	Diploma	UEE50411
Electronics and Communications Engineering	Diploma	UEE50511
Electrical - Instrumentation	Certificate IV	UEE40411
Electrical - Rail Signalling	Certificate IV	UEE41211
Electrical - Renewable Energy	Certificate IV	UEE41911
Electronics and Communications	Certificate IV	UEE40711
	Certificate III	UEE30911
Electrotechnology - Systems Electrician	Certificate IV	UEE40611
Industrial Electronics and Control	Certificate IV	UEE40911

ELECTROTECHNOLOGY		
COURSE	QUALIFICATION	CODE
Instrumentation and Control	Certificate IV	UEE42211
	Certificate III	UEE31211
Computer Systems Equipment	Certificate III	UEE30211
Electrical Fitting	Certificate III	UEE33011
Electrical Machine Repair	Certificate III	UEE30611
Electrotechnology Electrician	Certificate III	UEE30811
ESI - Power Systems - Distribution Cable Jointing	Certificate III	UET30812
ESI - Power Systems - Distribution Overhead	Certificate III	UET30612
ESI - Power Systems - Rail Traction	Certificate III	UET30712
Outdoor Power Equipment Technology	Certificate III	AUR30716
	Certificate II	AUR20816
Security Equipment	Certificate III	UEE31411
Electrotechnology (Career Start)	Certificate II	UEE22011
Security Assembly and Set-up	Certificate II	UEE21611

COURSE ALSO DELIVERED ONLINE AT [TAFEDIGITAL.EDU.AU](http://TAFEDIGITAL.EDU.AU)

THERE ARE 130 TAFE NSW LOCATIONS AROUND THE STATE - VISIT [TAFENSW.EDU.AU](http://TAFENSW.EDU.AU) TO SEE WHERE YOUR COURSE IS OFFERED.

## WHY CHOOSE TAFE NSW?



**Strong industry connections.** Associate membership of Engineers Australia may be available to advanced diploma graduates who complete work experience. Evolving industry partnerships always keep training relevant and up-to-date.



**Job-ready and sustainable focus.** From sustainable technologies to communication and CAD skills, your learning is always focused on what is needed in tomorrow's workplace.



**Pathways to degrees.** Your diploma or advanced diploma may be recognised as credit towards a Bachelor of Engineering.



**Study an associate degree.** Study the TAFE NSW Associate Degree of Applied Engineering (Renewable Energy Technologies) and become a renewable energy specialist.



**State-of-the-art facilities.** Our workshops and studios are set up just like you'll find in your career, with fabrication workshops, CAD studios, 3D printers and fully equipped labs.

## ENROL TODAY

[TAFENSW.EDU.AU](http://TAFENSW.EDU.AU) OR 131 601

## BE SKILLED WITH SHORT COURSES

We have a huge range of short courses including Statements of Attainment. These are always being developed and updated, and can give you everything from basic foundations to advanced specialised career skills. Explore [TAFENSW.EDU.AU](http://TAFENSW.EDU.AU) or call us on **131 601** for the latest.