

## Electronics and Communications

BOS course name	Pattern of study	BOS course number	Schools Online entry advice
Electronics and Communications (360 hours)	3 units x 2 years	43800	Enter this course number for both Preliminary (Year 11) and HSC (Year 12)

TAFE course name	TAFE course number
Certificate III in Electronics and Communications	17752

AQF VET qualification
Statement of Attainment towards Certificate III in Electronics and Communications (UEE30907)

Minimum work placement
For school-based apprentices mandatory work placement requirements are met through the on-the-job training component of the school-based apprenticeship.

Exclusions
Electrotechnology Curriculum Framework

### HSC unit credit and course requirements

HSC unit credit for VET courses can be accredited to the Preliminary and/or HSC pattern of study.

#### Electronics and Communications (360 indicative hours)

- accredited for a total of 6 units at the Preliminary and/or HSC level
- attempt UEENEEE001B and elective units of competency to a minimum of 345 HSC indicative hours.

For a course to count towards the HSC program of study students must satisfy the course completion criteria as required by the Board of Studies. Refer to Section 8.4 of the *Assessment, Certification and Examination (ACE) Manual*.

The pattern of study entered should reflect the delivery of the course over successive years. Students will be credentialled for the HSC unit credit entered each calendar year provided they have satisfactorily completed the course requirements for that calendar year as determined by the school/RTO.

### Access by students in Stage 5

This course is for students undertaking a school-based apprenticeship.

In certain circumstances students in Stage 5 may access this Stage 6 VET course while also completing the requirements for the award of the School Certificate. Further information is available on the Board of Studies website at [www.boardofstudies.nsw.edu.au/voc\\_ed/stage-5.html](http://www.boardofstudies.nsw.edu.au/voc_ed/stage-5.html)

## Course content

Unit code	Unit title	Unit-specific prerequisite	Core or stream core or elective for AQF VET qualification	HSC indicative hours of credit
<b>COMPULSORY Attempt ALL units of competency</b>				
UEENEEE001B	Apply OHS practices in the workplace	nil	core	15
<b>Total HSC indicative hours for compulsory units of competency</b>				<b>15</b>
<b>ELECTIVE Attempt units of competency to a minimum of <u>345</u> HSC indicative hours</b>				
UEENEEC002B	Source and purchase material/parts for installation or service jobs	nil	stream core	10
UEENEEC021B	Participate in electronics and communications work and competency development activities	nil	core	10
UEENEEED001B	Use basic computer applications relevant to a workplace	nil	stream core	10
UEENEEED002B	Assemble, set up and test personal computers	nil	E (4 points)	40
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components	nil	core	30
UEENEEE003B	Solve problems in extra-low voltage single path circuits	nil	core	30
UEENEEE004B	Solve problems in multiple path d.c. circuits	UEENEEE004B	core	35
UEENEEE005B	Fix and secure equipment	nil	core	15
UEENEEE034B	Document occupational hazards and risks in electronics	nil	core	15
UEENEEH002B	Carry out basic repairs to electronic apparatus by replacement of components	UEENEEE002B	core	30
UEENEEH004B	Set up and test residential audio/visual equipment	nil	E (2 points)	30
UEENEEH011B	Troubleshoot d.c. power supplies with single phase input	UEENEEH002B and UEENEEH014B or UEENEEG002B or UEENEEG012B	core	30
UEENEEH014B	Troubleshoot frequency dependant circuits	UEENEEE004B or UEENEEH069B	core	30
UEENEEH039B	Troubleshoot basic amplifiers	UEENEEH002B and UEENEEH014B or UEENEEG002B	core	30

## **AQF VET qualification**

To attain Certificate III in Electronics and Communications (UEE30907) students must achieve:

- a) 15 core competency standard units
- b) 2 stream core competency standard units
- b) elective competency standard units – strand total of at least 17 from Schedule 3 (see Training Package for specifics of qualification packaging rules).