# Electrical and Refrigeration

## Thao’s pathway

### Year 10

Thao enjoyed STEM subjects at school and wanted to study a degree at university.

He completed a Certificate I in Construction through VETDSS and participated in VWP with a local construction business.

This was Thao’s first insight into the different jobs in construction such as roofing, electrical and carpentry.

### Year 11

Thao was working hard towards achieving a high ATAR. He did not undertake any VETDSS programs and chose more elective subjects at school like Physics, Specialist Maths and Chemistry.

Thao attended a VET Careers Expo where he spoke to an electrical engineer. He became interested in this career and started researching more about it.

Thao learnt from talking to several electrical engineers that entering the electrical trade before earning an engineering degree was the best way to become a skilled electrical engineer.

### Year 12

After completing year 11, Thao left school and commenced a full-time apprenticeship undertaking a Certificate III in Electrotechnology Electrician.

### Post school

As Thao continues to progress through his Certificate III, his training will count towards completing his NTCET.

He then plans to apply for university and study towards becoming an Electrical Engineer.

### Example NTCET pattern (PLP, Stage 1 English and maths are compulsory for NTCET)

**Year 10:** PLP, VETDSS Certificate I in Construction

**Year 11:** Stage 2 English, Specialist Maths, elective subjects

**Year 12/VET:** Certificate III in Electrotechnology Electrician

*Always speak to your school Career Advisor or VET Coordinator to plan your subjects*