

Practical & Technical VET Pathway (Science-Technology)

This pathway will interest you IF:-

- You enjoy working with computer hardware or software
- You enjoy designing, inventing and building new products
- You enjoy work that requires practical skills and technical knowledge

Careers in this area include these fields:-

IT Support	Computer Programming
Software Development	Systems Analysis & Design
IT Network Management	IT Network Administration
Telecommunications	Multimedia
Web Page Design	Data Storage Systems
Food Processing	Food Safety
Viticulture	Wine Production and Sales
Automotive Mechanics	Aviation Mechanics
Transport Logistics	Electronics
Communications	Shipbuilding

School Subjects

The courses opposite have a range of entry requirements. Some require an interview and/or entrance test. Some require the completion of SACE Stage 1 (year 11) and some require SACE completion (i.e. finish year 12)). A small number of courses require a Contract of Training (Traineeship or Apprenticeship) with an employer, or current employment in the industry area. Prevocational courses are also offered for school leavers.

Most courses will use a point scoring system for entrance if more people apply with the minimum qualifications. The points will be based on a range of things including the completion of certain subjects, SACE, VET units and/or work experience.

You will need to read the TAFE "Student Selection Guide" to see what applies in each particular case.

Stage 1 Subjects:-

Semester 1	Any English*	Any Maths	Extra Maths or free choice	Any Humanities
Science/Tech	Free choice			

Semester 2	Any English*	Any Maths	Extra Maths or free choice	Any Humanities
Science/Tech	Free choice			

Most students following this field will probably take more technology and/or science or maths related subjects. Chemistry would be useful for Food and Wine Technology courses.

Stage 2 Subjects:-

Full Year	1 HESS G Humanities	1 HESS G Science/Tech	Any HESS G	Any HESS G	Any
SUBJECT					

TAFE COURSES-

NOTE: Courses listed below can be Certificate OR Diploma/Advanced Diploma. (CHECK TAFE guide)

Information Industries:-

- Applied Information Technology
- Asset Management
- Geographical Information Systems
- Geoscience

Information Technology:-

- General
- Business Analysis
- Client Support
- E-Commerce
- Multimedia
- Network Administration
- Network Management
- Programming
- Software Applications
- Software Development
- Systems Analysis and Design
- Library and Information Services
- Spatial Data Systems
- Telecommunications

Food Processing and Wine:-

- Food Processing (Food)
- Food Processing (Wine)
- Food Technology
- Meat Processing

Engineering

- Boiler & Steam Turbines
- Electrical/Electronics
- Electro-technology
- Engineering (Civil, Computer Systems, Electronic)
- Lift Systems
- Minerals Processing
- Mining Operations
- National Train Drivers
- Optical
- Process Manufacturing
- Train Driving
- Shipbuilding
- Welding

Transport Engineering

- Automotive
- Aviation (Pilot, Mechanics)
- Marine
- Rail
- Transport & Distribution