

**Your pathway.  
Your career.  
Your choice.**

# Information Technology



Government of South Australia  
Department for Education

[studentpathways.sa.edu.au](http://studentpathways.sa.edu.au)

**Student  
Pathways**



Government  
of South Australia  
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# Information Technology

Year 10

Year 11

Year 12

Study VET while you complete SACE

## Traineeship / Apprenticeship (Contract of Training):

- ICT20120 Certificate II in Applied Digital Technologies
- ICT30120 Certificate III in Information Technology
- ICT30519 Certificate III in Telecommunications Technology

OR

## Qualifications for Institutional Delivery (off-the-job):

- ICT30120 Certificate III in Information Technology

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## PLUS

### Customised SACE subjects

- Pastoral care – mentoring and monitoring



## Work in your career.

### Use your VET qualification to work as:

- IT Technician
- IT Customer Support Officer/IT Help Desk Officer
- Database Administrator
- IT Security Analyst
- Quality Assurance Tester/Analyst
- User Support Officer
- Network Support Officer
- Telecommunications Technician
- Cabling (Data and Telecommunications)
- IT Retail Customer Service Representative

## Further your career with VET.

### Study:

- ICT40120 Certificate IV in Information Technology
- ICT41119 Certificate IV in Telecommunications Network Design
- ICT50220 Diploma of Information Technology

### To work as:

- Network Support Officer
- Database Administrator
- Web Developer
- Software Developer
- IT Project Manager
- Data Analyst
- Systems Administrator
- Network Operation Analyst

## Further your careers with university.

### Study at university to work in:

- IT Manager
- IT Programmer
- Software Developer
- System Administration
- Information and Communications Technologist
- Computer Network and Systems Engineer
- Software and Applications
- Programmer
- Software Engineer
- IT Business and System Analyst

### What do I need to study?

- Graduate Diploma in Artificial Intelligence and Machine Learning
- Graduate Diploma in Computer Science
- Bachelor of Information Technology
- Bachelor of Computer Science
- Bachelor of Mathematical and Computer Sciences