

# Cyber and Information Technology

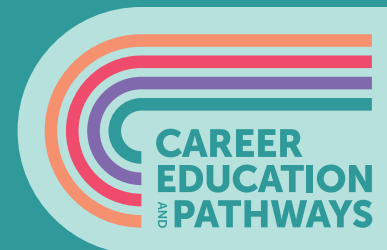
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Your career.  
Your choice.**



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Government  
of South Australia  
Department for Education



# Cyber and 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):

- BSBSS00094 Cyber Security Awareness Skill Set
- ICT30120 Certificate III in Information Technology

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### PLUS

Industry specific requirements, including:

- Industry certification
- Specific industry badging

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### PLUS

Customised SACE subjects

- Pastoral care – mentoring and monitoring

## Work in your career.

### Use your VET qualification to work as:

- Cyber Security Analyst
- Security Administrators
- 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
- Cabler (Data and Telecommunications)
- IT Retail Customer Service Representative

## Further your career with VET.

### Study:

- 22603VIC Certificate IV in Cyber Security
- ICT50220 Diploma of Information Technology
- 22610VIC Advanced Diploma of Cyber Security
- ICT40120 Certificate IV in Information Technology
- ICT41119 Certificate IV in Telecommunications Network Design
- ICT50220 Diploma of Information Technology

### To work as:

- Cyber Security Engineer
- Database and Systems Administrator
- Developer Programmer
- ICT Security Officer
- Incident Manager
- Malware Analyst
- Network Administrator
- Network Operation Analyst
- Network Security Analyst
- Penetration Tester
- Technical Support Officer or Analyst
- Network Support Officer
- Database Administrator
- Web Developer
- Software Developer
- IT Project Manager
- Data Analyst
- Systems Administrator
- Network Operation Analyst

## Further your career with university.

### Study at university to work as:

- Computer Network and Systems Engineer
- Software and Applications Programmer
- Software Engineer
- ICT Business and Systems Analyst
- ICT Project Manager
- Cloud Security Specialist
- Application Security Engineer
- Computer Forensics Analyst
- Security Architect
- IT Manager
- IT Programmer
- Software Developer
- System Administration
- Information and Communications Technologist
- Computer Network and Systems Engineer
- Software and Applications Programmer
- Programmer
- Software Engineer
- IT Business and System Analyst

### What do I need to study?

- Bachelor of Information Technology (Network and Cyber Security)
- Bachelor of Information Technology (Digital Forensics)
- Graduate Certificate in Cyber Security
- Master of Cyber Security
- 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