

# Why Work as an... Cyber Security Technician

A solution for your training needs and career progression

## ROLE OVERVIEW

The purpose of the occupation is to provide first line cyber security support. This requires individuals to monitor and detect potential security threats and escalate as necessary and to support secure and uninterrupted business operations of an organisation through the implementation of cyber security mechanisms and the application of cyber security procedures and controls.

### KEY POINTS

- **Level:** 3
- **Duration:** 18 months + End Point Assessment
- **Entry requirements:** You may be required to undertake training in maths and English. See [HERE](#) for more information
- **Career progression:** Options include Cyber Security Technologist - Cyber Security Engineer; and Digital and Technology Solutions Professional - Network Engineering Professional

## KNOWLEDGE REQUIREMENTS

- Cyber security policies and standards based on an Information Security Management System (ISMS)
- Cyber security awareness and components of an effective security culture, different organisational structures and cultures, the importance of maintaining privacy and confidentiality of an organisation's information and the impact of a poor security culture
- Cryptography, certificates and use of certificate management tools
- Types of information security events – brute force attack, malware activity, suspicious user behaviour, suspicious device behaviour, unauthorized system changes
- Importance of maintaining privacy and confidentiality of an organisations information and the impact of a poor security culture

## SKILL REQUIREMENTS

- Develop information security training and awareness resources
- Handle and assess the validity of security requests from a range of internal and external stakeholders
- Maintain an inventory of digital information systems, services, devices and data storage
- Identify and categorise threats, vulnerabilities and risks in preparation for response or escalation
- Document cyber security event information whilst preserving evidence

## BEHAVIOUR REQUIREMENTS

- Manage own time to meet deadlines and manage stakeholder expectations
- Work independently and take responsibility for own actions within the occupation
- Use own initiative
- A structured approach to the prioritisation of tasks
- Treat colleagues and external stakeholders fairly and with respect without bias or discrimination
- Act in accordance with occupation specific laws, regulations and professional standards and not accept instruction that is incompatible with any of these

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