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**ENROL NOW!**

**\$3,500 all-in**

Instalment plans  
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## ICT50220 - Diploma of Information Technology (Cyber Security and Advanced Networking)



Secure your competitive advantage with the  
Nationally Recognised & Accredited qualification:

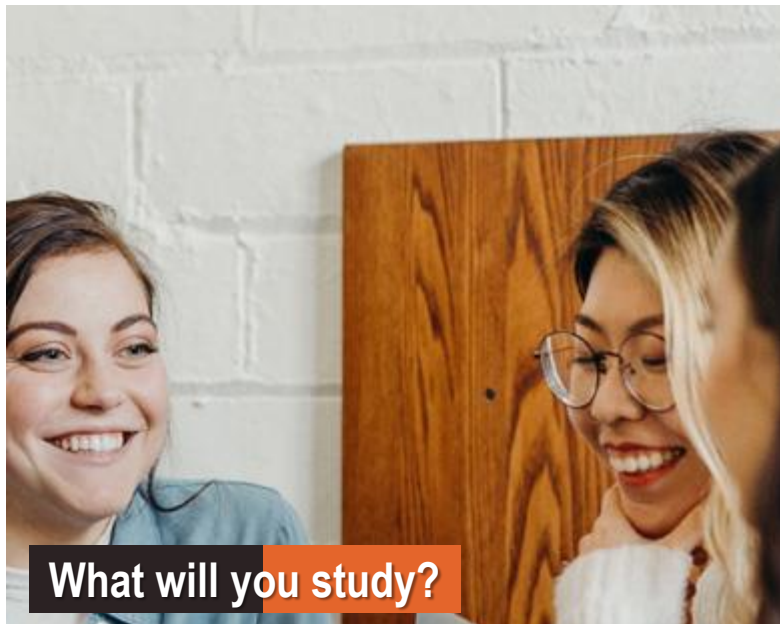
### **Diploma of Information Technology (ICT50220)**

This course is perfect for anyone seeking to become:

- ICT Office Manager
- Information Systems Office Manager
- ICT Systems Administrator
- Office Systems Administrator

#### **Why enrol to an Information Technology qualification?**

In today's competitive climate, it is almost a must to hold formally recognised qualifications to ensure your employability. AuPI's Diploma of Information Technology course will enable you to gain the competencies required to work in the vast field of Information Technology. This course will enable you to match and implement IT needs suitable to a wide range of businesses in different industry contexts, install and manage complex ICT networks, build advanced user interfaces, and more! This course will surely provide you with all the skills you need to succeed in IT.



## What will you study?

Unit	Unit Code	Unit Name
Core	BSBXCS402	Promote workplace cyber security awareness and best practices
Core	ICTICT532	Apply IP, ethics, and privacy policies in ICT environments
Core	ICTICT517	Match ICT needs with the strategic direction of the organisation
Elective	ICTNWK529	Install and manage complex ICT networks
Elective	ICTCYS601	Create cyber security standards for organisations
Elective	ICTNWK540	Design, build and test network servers
Elective	ICTNWK546	Manage network security
Elective	ICTCYS610	Protect critical infrastructure for organisations
Elective	ICTCYS613	Utilise design methodologies for security architecture
Elective	ICTNWK423	Manage network and data integrity
Elective	ICTNWK537	Implement secure encryption technologies



Unit	Unit Code	Unit Name
Elective	ICTNWK538	Install and maintain valid authentication processes
Core	BSBCRT512	Originate and develop concepts
Elective	ICTCYS407	Gather, analyse, and interpret threat data
Elective	ICTNWK559	Install an enterprise virtual computing environment
Elective	ICTNWK557	Configure and manage advanced virtual computing environments
Elective	ICTNWK431	Create network documentation
Core	ICTSAS527	Manage client problems
Core	BSBXTW401	Lead and facilitate a team
Elective	ICTSAS524	Develop, implement, and evaluate an incident response plan
Elective	ICTSAS526	Review and update disaster recovery and contingency plans
Elective	ICTNWK536	Plan, implement and test enterprise communication solutions

## DELIVERY METHOD

- The course will be delivered via distance learning, utilising Australian Polytechnic Institute's online learning platform, live and pre-recorded Zoom webinars, self-paced learning and assessment activities, and 24/7 online support.
- You will require access to a computer, internet and various programs and software packages\*. For example:
  - Java development environment
  - Java compiler and interpreter
  - Java-enabled web browser
  - development environment
  - a server / database server
- You will have ongoing access to highly qualified trainers and support staff throughout your enrolment.
- As the course is self-paced, you will have the flexibility to manage your course work at your own time and convenience. You will have access to both live and recorded lectures, book coaching sessions at your own convenience, and complete assessment tasks in your own time.
- AuPI's distance learning program includes a comprehensive support strategy that will ensure you do not feel lost in your self-paced course. A customised training plan is designed for each student, including regular check-ins and coaching sessions.\*



*\*As part of the pre-enrolment assessment for this course, AuPI will assess and assist students to ensure all students have access to all the tools, equipment and resources required to complete the course activities.*

*AuPI will not enrol students who do not meet the pre-enrolment requirements.*



# PATHWAYS FROM THE COURSE

## Students successfully completing this course will receive

- an AQF certificate for the qualification: ICT50220 - Diploma of Information Technology (Cyber Security and Advanced Networking) and
- a Statement of Attainment (SOA) for two extra units included in the course packaging (see Course Packaging for complete details)

*Students successfully completing some units but not meeting the packaging rules for the qualification will receive a Statement of Attainment (SOA) for the completed units.*

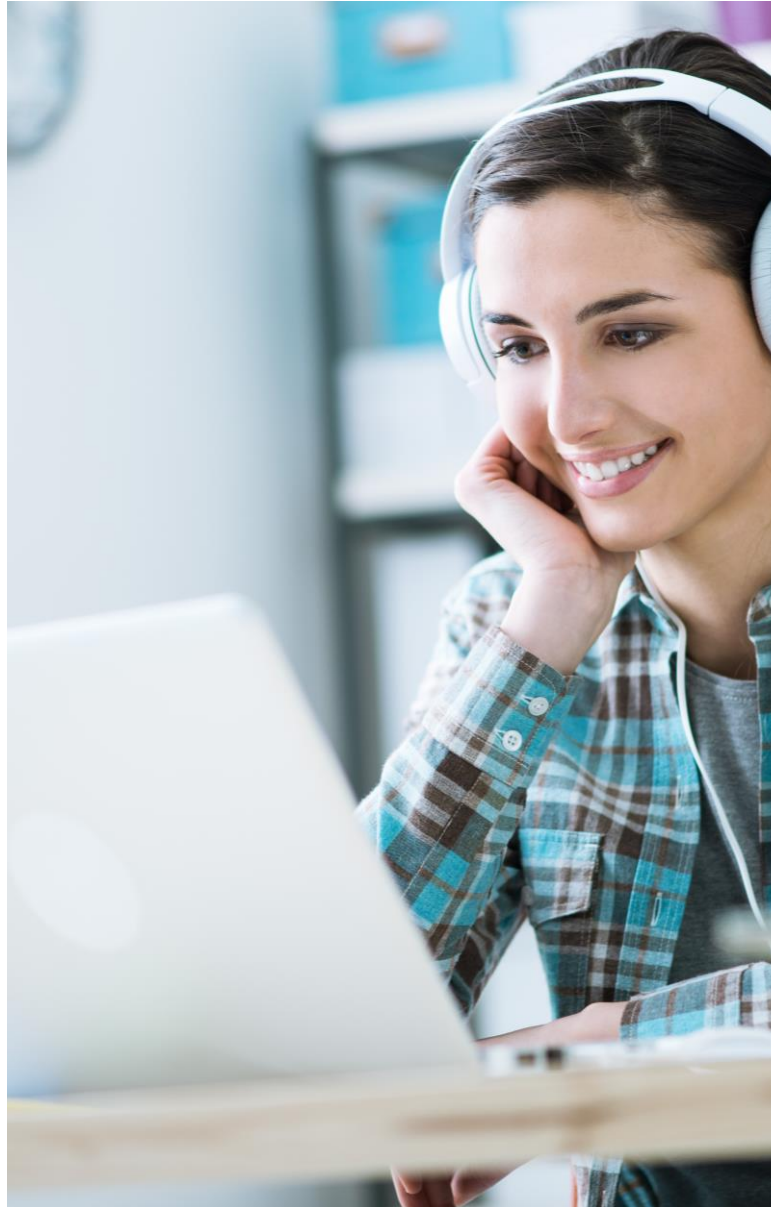
## Students completing this course may apply for the following job roles:

- |                                |                                  |
|--------------------------------|----------------------------------|
| ✓ ICT Operations Administrator | ✓ Network e-business coordinator |
| ✓ Cyber security specialist    | ✓ Network operations analyst     |
| ✓ Cyber security analyst       | ✓ Network security coordinator   |
| ✓ Penetration tester           | ✓ Network services administrator |
| ✓ ICT Administrator            | ✓ Network support coordinator    |

## Students completing this course may undertake relevant further studies:

Other specialisations in Information Technology:

- |                            |  |
|----------------------------|--|
| ✓ Advanced networking      | ✓ Database and data management           |
| ✓ Advanced programming     | ✓ Front end web development              |
| ✓ Back end web development | ✓ Game art and design                    |
| ✓ Business analysis        | ✓ Game programming                       |
| ✓ Cloud architecture       | ✓ Systems administration                 |
| ✓ Cloud engineering        | ✓ Systems analysis                       |
| ✓ Cyber security           | ✓ Telecommunications network engineering |



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# DELIVERY ARRANGEMENT

The course is divided into 4 Parts:

- Part A: Cybersecurity & Networks – Governance (14 weeks)
- Part B: Cybersecurity & Networks – Protection (14 weeks)
- Part C: Cybersecurity & Networks - Threat Detection (12 weeks)
- Part D: Cybersecurity & Networks - Recovery & Response (12 weeks)

<b>Total course duration:</b>	<b>52 weeks*</b>
<b>Total Volume of Learning:</b>	1,302 hours
<b>Amount of training:</b>	354 hours
<b>Amount of assessment:</b>	375 hours
<b>Self-directed study:</b>	573 hours

Part A		Part B		Part C		Part D	
Cybersecurity & Networks Governance		Cybersecurity & Networks Protection		Cybersecurity & Networks - Threat Detection		Cybersecurity & Networks - Recovery & Response	
SL	UOC Code and Name	SL	UOC Code and Name	SL	UOC Code and Name	SL	UOC Code and Name
A1	BSBXCS402 Promote workplace cyber security awareness and best practices Knowledge Assessment Test A1	B1	ICTNWK546 Manage network security Knowledge Assessment Test B1	C1	BSBCRT512 Originate and develop concepts Knowledge Assessment Test C1	D1	ICTSAS527 Manage client problems Knowledge Assessment Test D1
A2	ICTICT532 Apply IP, ethics and privacy policies in ICT environments Knowledge Assessment Test A2	B2	ICTCYS610 Protect critical infrastructure for organisations Knowledge Assessment Test B2	C2	ICTCYS407 Gather, analyse and interpret threat data Knowledge Assessment Test C2	D2	BSBXTW401 Lead and facilitate a team Knowledge Assessment Test D2
A3	ICTICT517 Match ICT needs with the strategic direction of the organisation Knowledge Assessment Test A3	B3	ICTCYS613 Utilise design methodologies for security architecture Knowledge Assessment Test B3	C3	ICTNWK559 Install an enterprise virtual computing environment Knowledge Assessment Test C3	D3	ICTSAS524 Develop, implement and evaluate an incident response plan Knowledge Assessment Test D3
A4	ICTNWK529 Install and manage complex ICT networks Knowledge Assessment Test A4	B4	ICTNWK423 Manage network and data integrity Knowledge Assessment Test B4	C4	ICTNWK557 Configure and manage advanced virtual computing environments Knowledge Assessment Test C4	D4	ICTSAS526 Review and update disaster recovery and contingency plans Knowledge Assessment Test D4
A5	ICTCYS601- Create cyber security standards for organisations Knowledge Assessment Test A5	B5	ICTNWK537 Implement secure encryption technologies Knowledge Assessment Test B5	C5	ICTNWK431- Create network documentation Knowledge Assessment Test C5	D5	ICTNWK536 Plan, implement and test enterprise communication solutions Knowledge Assessment Test D5
A6	ICTNWK540 Design, build and test network servers Knowledge Assessment Test A6	B6	ICTNWK538 Install and maintain valid authentication processes Knowledge Assessment Test B6				
Practical Assessment Part A		Practical Assessment Part B		Practical Assessment Part C		Practical Assessment Part D	

NOTE: AuPI ensures that students admitted into the course possess the LLN skills required to undertake the course activities. If a prospective student does not meet the LLN skills required, AuPI reserves the right to defer enrolment until the student meets the LLN requirements OR if the student and the AuPI trainer agrees on an additional support strategy that will address the gap. Additional support strategies will be recorded in the student's Individual Training Plan.

\*Students are given up to 104 weeks to complete the course, depending on the students' schedule and study commitments.







## COURSE REQUIREMENTS

**There are no pre-requisites. However, it is preferred that students:**

- Are 18 years or older
- Have sound language and literacy skills (at least Year 10 English, or equivalent)
- Have basic computer skills
- Have access to resources listed in below

**Students are also required to:**

- Provide the college a Unique Student Identifier (USI)
- Provide a valid ID with picture and signature
- Complete a Language, Literacy & Numeracy (LL&N) test
- Commit to a training plan prior to starting the course

**To facilitate your distance learning program, AuPI will provide you:**

- Access to the AuPI's Student Portal (LMS)
- Learning Materials and Assessment Workbook
- Case studies and simulations, where applicable
- Templates for completing the project assessments
- Access to relevant Acts, Regulations and Standards

**To complete the course requirements, you will need to arrange access to:**

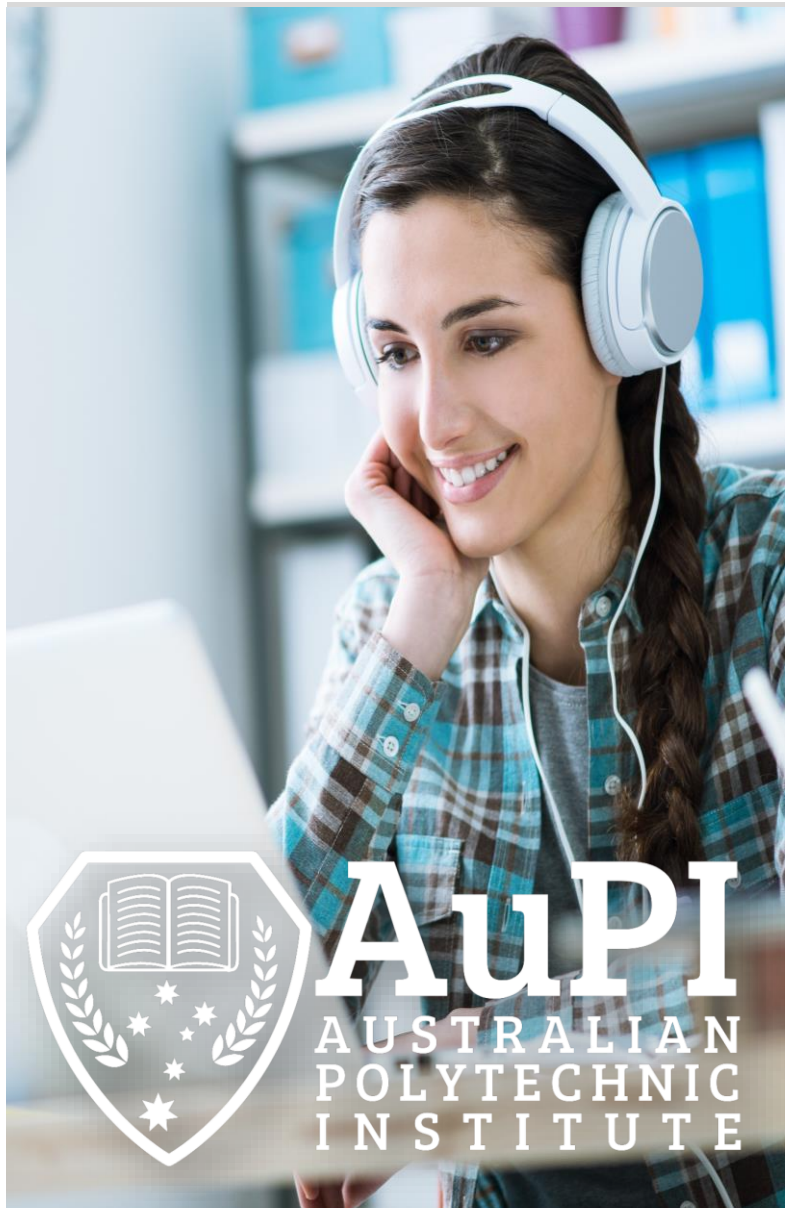
- Where possible, a workplace\* to complete your assessments under supervision
- A computer with MS Word, MS PowerPoint and Adobe Acrobat Reader, or their equivalents
- Internet
- Video recording equipment to record roleplay activities and presentations (e.g. mobile phone or video recorder)
- Site where server applications can be installed, Networked servers
- Wide area network (WAN) service point of presence

*\*Complete list of resources will be provided at the pre-enrolment assessment*



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## COURSE DURATION

Students have up to 52 weeks to complete the course

## EXPECTED STUDY HOURS

Up to 1302 hours, depending on your existing knowledge and skills (25 hours / week)

## ASSESSMENT METHODS

- Quizzes
- Case study assessments
- Projects
- Third-Party Evidence

## RECOGNITION OF PRIOR LEARNING (RPL)

**RPL is offered to any Learner who can provide evidence of competency for the units offered within this qualification.** This can include any previous training (formal or informal) of previous life or work experience. If you have any questions about the RPL process, let us know and we'll walk you through it.

**Enrol Now for Only \$3,500**

Instalment plans also available

**Call: 1 300 AUPI | Email: [info@aupi.com.au](mailto:info@aupi.com.au)  
or visit [www.aupi.com.au](http://www.aupi.com.au)**



*\*Please read the AuPI Student Handbook containing the Refund policy, Appeals, Complaints, and other student and course information prior to enrolling.*