

### STUDY MODE AND DURATION

Three years full time or part time equivalent

### COURSE DELIVERY LOCATIONS

#### Bachelor:

- TAFE NSW Meadowbank
- TAFE NSW Liverpool

#### Diploma:

- TAFE NSW St Leonards
- TAFE NSW Meadowbank
- TAFE NSW Liverpool

### ENTRY REQUIREMENTS

All applicants will be invited to a pre-admission interview prior to being offered a place in this course. All applicants will also have to submit a 500 word essay outlining their motivation to study and work in the field.

**Domestic applicants** must have completed:

- the NSW HSC or equivalent with HSC level Maths, or
- a Tertiary Preparation Certificate, or
- a Certificate IV or higher qualification

If you do not have HSC mathematics you may be required to undertake a bridging program or preparatory mathematics course. If you do not meet the entry requirements, you can apply under special admission provisions (such as mature age or disadvantage). You will be required to submit documentation to support your application for special admission.

**International applicants** applying for admission into the Bachelor must have an overall IELTS score of 6.5 (with no band less than 6.0). International applicants applying for admission into the Diploma must have an overall IELTS score of 5.5 (with no band less than 5.0). The IELTS test must have been completed in the last two years.

### TUITION FEES

#### Domestic students:

\$1,280 per 10 credit point subject  
\$10,249 indicative Diploma course fee  
\$30,720 indicative full Bachelor course fee

#### International students - Bachelor:

\$2,480 per 10 credit point subject  
\$59,520 indicative full Bachelor course fee

#### International students - Diploma:

\$2,875 per 10 credit point subject  
\$23,000 indicative full Diploma course fee  
Diploma students receive an additional 5 hours per week of tuition support

# BACHELOR OF INFORMATION TECHNOLOGY NETWORK SECURITY

COURSE CODE: HE20524

# DIPLOMA OF INFORMATION TECHNOLOGY

COURSE CODE: HE20526

**Learn how to protect the security of data and information and develop solutions for the management and protection against the threat of cybercrime.**

Cybercrime is a growing threat to Australian business, consumers and government. Every day we rely on digital systems and networks to communicate, transact and to store sensitive data. This has created an unprecedented demand for professionals who can secure and monitor IT systems and protect personal and organisational privacy in cyberspace.

This three-year degree will prepare you for employment as a network security specialist in this fast-growing and dynamic industry. Developed in close consultation with industry, this degree has a strong applied focus, where you will learn through projects with the help of teachers who are industry leaders in the field.

The Bachelor of Information Technology (Network Security) has been accredited by the Australian Computer Society (ACS) and complies with the ACS standards for specialist IT degrees. The degree also prepares students to sit for recognised industry certifications (such as Cisco CCNA and CCNP).

On successful completion of this course you will be qualified to work in a range of network security, cyber security and data security management roles.

A Diploma of Information Technology is also available. The Diploma, which comprises all eight first year subjects, can be completed in one year full-time. Graduates of the Diploma will be able to apply for entry level IT positions. Alternatively, they can continue their studies with direct entry into second year of the Bachelor.

### COURSE REQUIREMENTS

The Bachelor of Information Technology (Network Security) requires you to complete 24 subjects and a total of 240 credit points. A one year Diploma of Information Technology is also available, requiring the completion of 8 subjects and 80 credit points.

VISIT US ON



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**131 601**



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**DEGREES**

## HOW IS THE COURSE STRUCTURED?

This structure is the typical study pattern for a full-time student. Availability of electives and the study pattern is determined by the location. All subjects are worth 10 credit points (CP), 240 credit points are required to complete this course. The Diploma of Information Technology requires the completion of all Year 1 subjects.

### YEAR 1 - LEVEL 100: FOUNDATION SKILLS

#### SEMESTER 1

ITICT102A	Introduction to Programming (10 CP)
ITICT103A	Internetworking 1 (10 CP)
ITICT108A	Introduction to Secure Computing (10 CP)
ITPRD101A	Critical Thinking for the IT Professional (10 CP)

#### SEMESTER 2

ITNET101A	Introduction to Cryptography (10CP)
ITICT104A	Internetworking 2 (10 CP)
ITICT107A	Introduction to Databases (10 CP)
ITPRD102A	Communication for the IT Professional (10 CP)

### YEAR 2 - LEVEL 200: DEVELOPMENT

#### SEMESTER 1

ITICT201A	Advanced Internetworking 1 (10CP)
ITICT202A	Wireless Networks (10CP)
ITNET203A	Network Security (10 CP)
ITPRD205A	Project Management (10 CP)

#### SEMESTER 2:

ITICT203A	Advanced Internetworking 2 (10CP)
ITNET202A	Enterprise Security (10CP)
ITPRD202A	Professional Issues in IT (10 CP)

**Plus one level 200 elective**

### YEAR 3 - LEVEL 300: SYNTHESIS

#### SEMESTER 1

ITNET301A	Mobile Computing and Security (10CP)
ITNET302A	Advanced Network Security 1 (10CP)
ITNET311A	Major Group Project (10 CP)

**Plus one level 300 elective**

#### SEMESTER 2

ITICT302A	Secure Programming (10CP)
ITNET304A	Advanced Network Security 2 (10CP)
ITNET312A	Major Individual project (10 CP)

### ELECTIVE BANK

ITICT204A	World Wide Web Programming (10CP)
ITICT205A	Virtualisation (10CP)
ITICT207A	Fundamentals of Computer Science (10CP)
ITPRD203A	Knowledge Management (10CP)
ITPRD204A	Future eTrends and Issues (10CP)
ITICT301A	Internetworking Troubleshooting (10CP)
ITICT302A	Secure Programming (10CP)
ITICT303A	Distributed computing (10CP)
ITNET305A	Emerging Technologies Security (10CP)
ITNET307A	National Data Infrastructure Security (10CP)
ITNET308A	eCommerce and eGovernment Security (10CP)
ITNET309A	Computer and Network Forensics (10CP)
ITNET310A	Software defined and programmable networks (10CP)

### TERMS AND CONDITIONS

This document is intended as a general guide only. Information in this document is current as of April 2020. Prospective students should contact TAFE NSW for more information, and to confirm admission requirements and availability of courses. Note that tuition fees are reviewed annually and are subject to change. For current fee information: [tafensw.edu.au/degrees/applying-and-fees/fees-and-payment](https://www.tafensw.edu.au/degrees/applying-and-fees/fees-and-payment) Fees payable by the students are the tuition fees valid for that semester, and not the tuition fees that were in place the first time the students enrolled. Additional fees may be payable for equipment and resources.

## HOW DO I APPLY AND ENROL?

For information about applying and enrolling go to: [tafensw.edu.au/degrees/bachelor-of-information-technology-network-security](https://www.tafensw.edu.au/degrees/bachelor-of-information-technology-network-security)

## WHAT IS FEE-HELP?

FEE-HELP is an Australian government student loan scheme. More information about FEE-HELP, including eligibility criteria, is available at: [studyassist.gov.au/help-loans/fee-help](https://www.studyassist.gov.au/help-loans/fee-help)

## CAN I BE RECOGNISED FOR PREVIOUS STUDY AND EXPERIENCE?

If you've completed studies in a related field, or have extensive, relevant industry experience, you may be eligible for exemption from some subjects. All applications for exemption must be made to the course coordinator and include supporting documents. You should attend classes until you are formally advised that your application for exemption has been granted.

## CAN I ENROL IF I AM AN INTERNATIONAL STUDENT?

International students can enrol in most TAFE NSW degree courses, subject to meeting course entry requirements and satisfying student visa conditions.

More information for international students is available at: [tafensw.edu.au/international/study/courses/degrees](https://www.tafensw.edu.au/international/study/courses/degrees)