



INFORMATION TECHNOLOGY

Course Guide



www.sydneystatecollege.edu.au



Sydney State College

ABN: 18 626 015 647 | RTO CODE: 45765 | CRICOS PROVIDER CODE: 04264K

INFORMATION TECHNOLOGY



WHY STUDY INFORMATION TECHNOLOGY?

Information technology (IT) has become an integral part of our everyday lives, and it's more important than ever to businesses, the workforce, and the economy. The demand for individuals skilled in information technology continues to rise steadily. A career in information technology is a good choice not only because of the strong job prospects but also because it offers a dynamic work environment.

One of the major attractions of information technology lies in its wide array of job opportunities. Not only is the demand for IT professionals growing, but there are opportunities to work in IT in almost any industry. Technology is relied upon in almost every business, so there are lots of options to choose from.



High Demand and Job Opportunities

IT skills are in demand across various industries, offering a wide range of job opportunities from software development to cyber security.



Job Security

With technology becoming integral to businesses and society, IT professionals enjoy job security and opportunities for advancement.



Salary Potential

IT careers often come with competitive salaries and opportunities for advancement. Specialized skills in areas like artificial intelligence, cloud computing, or data analytics can lead to higher earning potential.



Flexibility and Remote Work

IT careers often offer flexibility in terms of work location and hours. Remote work opportunities are abundant, allowing you to work from virtually anywhere in the world.



Entrepreneurial Opportunities

IT skills are essential for launching startups and entrepreneurial ventures. Whether you develop a new app, create a tech solution, or provide IT consulting services, there are numerous opportunities to innovate and create value.

WHY CHOOSE THIS COURSE?

As a Diploma of Information Technology student, you will:

- ▶ Participate in hands-on learning focused on utilizing technologies to create and manage secure networks, systems, and devices.
- ▶ Gain knowledge on a broad range of current and emerging areas of advanced networking, including configuring and managing virtual computing environments, and security within ICT networks.
- ▶ Receive comprehensive instruction in computing and information technology, preparing you to work in a variety of IT roles that leverage both your IT Knowledge and specialized skills in networking.
- ▶ Explore opportunities to make a career in the Networking and Cyber Security profession.

YOU WILL LEARN:

- Security fundamentals and protecting systems and data from cyber threats.
- Building and securing the Internet of Things (IoT)
- The essentials of routing and switching in both wired and wireless networks
- Options to learn advanced topics like software defined networks, advanced routing and multilayer switching
- Hands-on networking skills using equipment from leading vendors
- Create web-based programs, web pages and build websites
- Design, build and test network servers.
- Understanding how networks function and are managed.
- Managing IT projects and lead teams effectively.

The timeless opportunities in information technology are expanding continuously.

ICT50220 DIPLOMA IN INFORMATION TECHNOLOGY

This qualification reflects the role of individuals in a variety of information and communications technology (ICT) roles who have established specialised skills in a technical ICT function. Individuals in these roles carry out moderately complex tasks in specialist fields, working independently, as part of a team or leading deliverables with others. They may apply their skills across a wide range of industries, business functions and departments, or as a business owner (sole trader/contractor).

COURSE OVERVIEW

CRICOS COURSE CODE	DURATION	DELIVERY MODE	STUDY LOAD	TUTION FEES
116416A	75 WEEKS (50 STUDY WEEKS)	FACE TO FACE	20 HOURS/ WEEK	\$AU 14,000

ENTRY REQUIREMENT

This course does not have any prerequisite requirements. Sydney State College has the following entry requirements: International students must:

Be at least 18 years of age and have completed the equivalent of Year 12.

- Have an IELTS* score of 6.0 (test results must be no more than 2 years old).
- English language competence can also be demonstrated through documented evidence of any of the following:
 - ✓ Successfully completed a Certificate IV level course in an Australian RTO: or
 - ✓ Successful completion of an English Placement Test

Note that other English language tests, such as PTE and TOEFL can be accepted. Students are required to provide their results so that it can be confirmed they are equivalent to IELTS 6.0.

REASON TO COUNT ON US

- ☐ Industry Talks
- ☐ Industry Excursion
- ☐ Individual Mentoring
- ☐ Career Support
- ☐ Modern Computer Labs

CAREER OPPORTUNITIES

Job roles and titles vary across different industry sectors. Successfully completing a Diploma of Information Technology prepares you to seek employment in the IT and software industries in roles such as:

- ✓ IT Support Analyst /Technician
- ✓ IT Support Officer
- ✓ Network Support Technician
- ✓ Web Developer
- ✓ Network Administrator
- ✓ Systems Administrator

COURSE STRUCTURE

BSBCRT512	Originate and develop concepts
BSBXCS402	Promote workplace cyber security awareness and best practices
BSBXTW401	Lead and facilitate a team
ICTICT517	Match ICT needs with the strategic direction of the organisation
ICTICT532	Apply IP, ethics and privacy policies in ICT environments
ICTSAS527	Manage client problems
ICTICT443	Work collaboratively in the ICT industry
ICTICT518	Research and review hardware technology options for organisations
ICTICT522	Evaluate vendor products and equipment
ICTNWK529	Install and manage complex ICT networks
ICTNWK536	Plan, implement and test enterprise communication systems
ICTICT526	Verify client business requirements
ICTNWK540	Design, build and test network servers
ICTWEB514	Create dynamic web pages
ICTNWK546	Manage network security
ICTNWK561	Design enterprise wireless local area networks
ICTNWK559	Install an enterprise virtual computing environment
ICTSAD508	Develop technical requirements for business solutions
ICTSAD509	Produce ICT feasibility reports
ICTWEB513	Build dynamic websites

STUDY PATHWAYS

Upon successful completion of this course, students have a number of pathway options:

- ICT60220 Advanced Diploma of Information Technology
- BSB50420 Diploma of Leadership and Management
- An undergraduate degree at universities or higher education providers those are willing to accept your credentials and experience (subject to higher education providers' course entry requirements).

FIND OUT MORE ABOUT YOUR COURSE AND YOUR SUBJECTS





Why study at ? SYDNEY STATE COLLEGE

Sydney State College (SSC) is more than just a place to learn. Our positive approach to study not only helps you prepare for a career in our changing world but helps define what success means for you. No matter who you are or where you want to go, our courses guide you towards mastering your strengths and developing skills that open up a world of opportunity.



STUDENT SUPPORT

Our trained staff helps ensure you remain on the right path to achieve your study and career goals. They can help you reserve free extra classes outside of your scheduled lectures for support, assist with planning your goals, study progression, and pathway, and provide access and direction for student resources. They are also the initial point of contact for all students.



ACADEMIC SUPPORT

Our all the academic staff members are highly qualified. Trainers and assessors are specialists in Vocational education and training who have years of experience providing quality advice to a wide variety of students. They are also aware of industry trends and stay up to date with the latest information to help you achieve your future career goals.

✓ WELLBEING AND SUPPORT SERVICES

We understand that during training, some individuals may encounter challenges that require additional support. Our complimentary Student Wellbeing and Support service is here to offer students the assistance they need to overcome any obstacles that may disrupt their learning journey. We are committed to helping every learner succeed.

✓ CAREER SUPPORT

Our goal is for Sydney State College students to graduate with the confidence, skills, knowledge, and qualities that make them highly sought after by employers. To accomplish this, Sydney State College offers access to our regular workshops focused on preparing for employment.

✓ CAMPUS FEATURES

Facilities and equipment Modern and up-to-date new campus with multiple facilities which located in near Norwest Station. closed to transports, mall and restaurants.

✓ LEARNER ENGAGEMENT

Students are satisfied with their engagement with learning at their institution and whether they had a sense of belonging at their institution. Students engagement is the cornerstone of effective education, encompassing the active participation, motivation, and enthusiasm of students in their learning process. It goes beyond mere attention or compliance, involving genuine curiosity and a sense of ownership over one's learning journey.

✓ INDUSTRY RECOGNITION

Industry recognition is a vital validation of an organisation's or individual's achievements and capabilities within a specific field or sector. Sydney State College is committed to signifies acknowledgment from peers, stakeholders, and experts for exemplary performance, innovation, or contribution to the industry.

HOW TO APPLY

Step

1

CHOOSE A COURSE

Check out our courses outline and entry requirements at www.sydneystatecollege.edu.au or course information booklet.

Step

2

COMPLETE ENROLMENT FORM

Download and complete the enrolment form from our website. Please read the enrolment terms and condition and sign the student declaration and consent. Alternatively, students can apply through the online enrollment system.

Step

3

PROVIDE SUPPORTING DOCUMENTS

Ensure you have attached all supporting documents such as Certified copies of your passport, education qualifications, English qualifications, Working experience (if relevant).

Step

4

SUBMIT YOUR APPLICATION

Once completed, please return your enrolment form together with all necessary supporting documents to the following email address: info@sydneystatecollege.edu.au

Step

5

RECEIVE AN OFFER LETTER

If your application is successful, you will receive a letter of offer including written agreement for your nominated course. Once we receive your signed student agreement and fees, we will send you an electronic Confirmation of Enrolment (eCoE). This eCoE is used to apply for your student visa.



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Contact with us

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