

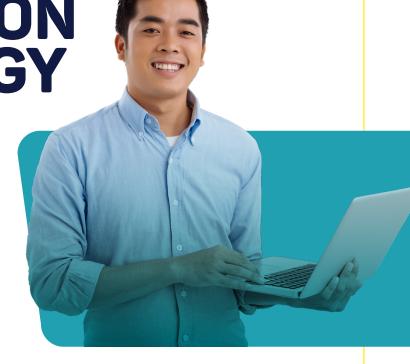


INFORMATION **TECHNOLOGY PROGRAMS**

Want to further your knowledge and skills to establish yourself in the growing industry of Information and Communications Technologu (Telecommunications Network Engineering)

Graduates in these roles carry out moderately complex tasks in a specialist field, working independently, as part of a team or leading a deliverable with others.

Graduates may apply their skills across a wide range of industries, business functions and departments, or as a business owner (sole trader/contractor).









CBD Campus

Modern facilities, computer labs, student lounges.



Capacity 936 Students.



Student Support

Student lounge, student activities, In-house counsellor.



Nationality Mix

41 + Nationalities. Data from Feb 2025.



Bachelor Pathway

Articulation available at Melbourne Polytechnic and Danford Higher **Education** Bachelor Degrees



DIPLOMA OF INFORMATION TECHNOLOGY

(TELECOMMUNICATIONS) **NETWORK ENGINEERING**

Code: ICT50220 Cricos Code: 105204D Course Duration: 52 weeks Holidays: 12 weeks Total Hours: 800 hours Material Fees: N/A Digital Access Fees: \$100* Course Fee: \$15,000

Industry Sector

Information Technology Support Services Quality Auditing, Business Administration Information Technology

What your future could look like

·IT Office Manager

· General Application Support Officer

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 a specialist field, working independently, as part of a team or leading a deliverable 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).

CORE UNITS

BSBCRT512 Originate and develop concepts

BSBXCS402 Promote workplace cyber security awareness and best practices

BSBXTW401 Lead and facilitate a team

Match ICT needs with the strategic direction of the organisation ICTICT517 ICTICT532 Apply IP, ethics and privacy policies in ICT environments

ICTSAS527 Manage client problems

ELECTIVE UNITS

ICTICT519 Develop detailed component specifications from project specifications

ICTNPL413 Evaluate networking regulations and legislation for the telecommunications industry

ICTNWK423

Manage network and data integrity
Configure, verify and troubleshoot WAN links and IP services ICTNWK541

ICTPMG505 Manage ICT projects

ICTTEN519 Design network building projects

ICTNWK542 Install, operate and troubleshoot medium enterprise routers

ICTNWK561 Design enterprise wireless local area networks ICTNWK555 Determine best-fit topologies for local networks ICTTEN525 Install, configure and test local area network switches ICTNWK559 Install an enterprise virtual computing environment

ICTNWK546 Manage network security

ICTNWK539 Design and implement integrated server solutions

ICTNWK556 Identifu and resolve network problems

ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY

(TELECOMMUNICATIONS NETWORK ENGINEERING)

Code: ICT60220 Cricos Code: 105205C Course Duration: 104 weeks Holidaus: 24 weeks Total Hours: 1600 hours Material Fees: N/A Digital Access Fees: \$200* Course Fee: \$30,000

Industru Sector

Information Technology (Networking) Information Technology Programming Information Technology Support Services

What your future could look like

- ·Knowledge Manager
- ·ELearning Manager
- · Enterprise Application Integration Consultant
- ·Enterprise Architecture Manager
- ·Software Manager

This qualification reflects the role of individuals in a variety of information and communications technology (ICT) roles who have significant experience in specialist technical skills, or managerial business and people management skills.

Individuals in these roles carry out complex tasks in a specialist field, working independently, leading a team or a strategic direction of a business. They apply their skills across a wide range of industries and business functions, or as a business owner (sole trader/contractor).

CORF UNITS

BSBCRT611 Apply critical thinking for complex problem solving

BSBTWK502 Manage team effectiveness

Promote workplace cyber security awareness and best practices BSBXCS402 ICTICT608 Interact with clients on a business level

ICTICT618 Manage IP, ethics and privacy in ICT environments

ICTSAD609 Plan and monitor business analysis activities in an ICT environment

ELECTIVE UNITS

ICTNPL413 Evaluate networking regulations and legislation for the telecommunications industru

Plan and manage troubleshooting advanced integrated IP networks ICTNWK612

ICTPMG613 Manage ICT project planning ICTTEN615 Manage network traffic

ICTTEN622 Produce ICT network architecture designs

ICTTEN614 Conduct network system optimisation and administration ICTNWK621 Configure network devices for a secure network infrastructure Configure and manage intrusion prevention system on network sensors ICTNWK622

ICTTEN616 Rectify client services following network outages and faults

Manage network testing strategies ICTTEN824



Graduates of the Information Technology field (Advanced Diploma) are most often employed as:

57.8% Professionals 8.5% Sales Workers

Clerical and Administrative Workers

Reference source: https://www.yourcareer.gov.au/

Industries

Graduates of the Information Technology field (Advanced Diploma) are most often employed in:

42.3% Prof., Scientific and Technical

Services

8.7% Retail Trade

8.6% **Education and Training**

For information about entry requirements visit our website at www.danford.edu.au *Digital Access refers to your learning resources and assessments via our learning management system.

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