Danford™ COLLEGE

Believe,
Achieve,
Grow

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INFORMATION TECHNOLOGY PROGRAMS

Want to further your knowledge and skills to establish yourself in the growing industry of Information and Communications Technology (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).

APPLY NOW

CBD Campus
Modern facilities, computer labs, student lounges.

Nationality Mix
41 + Nationalities. Data from Feb 2025.

Capacity
936 Students.

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

Student Support
Student lounge, student activities, In-house counsellor.

support@danford.edu.au

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
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

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
ICTNWK541	Configure, verify and troubleshoot WAN links and IP services
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	Identify and resolve network problems

ADVANCED DIPLOMA OF INFORMATION TECHNOLOGY (TELECOMMUNICATIONS NETWORK ENGINEERING)

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

Industry 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).

CORE UNITS

BSBCRT611	Apply critical thinking for complex problem solving
BSBTWK502	Manage team effectiveness
BSBXCS402	Promote workplace cyber security awareness and best practices
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 industry
ICTNWK612	Plan and manage troubleshooting advanced integrated IP networks
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
ICTNWK622	Configure and manage intrusion prevention system on network sensors
ICTTEN616	Rectify client services following network outages and faults
ICTTEN824	Manage network testing strategies

Jobs

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

57.8%	Professionals
8.5%	Sales Workers
7.5%	Clerical and Administrative Workers

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

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

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.