



TAFE NSW

DIPLOMA OF INFORMATION TECHNOLOGY (DATABASE AND DATA MANAGEMENT)

COURSE CODE:

ICT50220

WHY CHOOSE TAFE NSW?



Opens career doors. Our industry relationships lead many students directly into work with a range of employers including agencies, studios, galleries and fashion houses.



Global prospects. TAFE NSW graduates possess the technical knowledge, creative-thinking and specialised skills that are highly sought after by employers around the world.



State-of-the-art facilities. Purpose-built creative studios and industry standard software mean you will master the same tools of the trade as leading professionals.



Industry exposure. TAFE NSW partners with industry to provide you with hands-on experience through networking, sponsor programs, competitions, talks, lectures and other creative industry events.



Recognised and respected. TAFE NSW has built its reputation on delivering trusted, industry aligned and nationally recognised training for over 130 years.

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QUALIFICATION

Diploma of Information Technology (Database and Data Management)

TRAINING PACKAGE ENTRY REQUIREMENTS:

There are no Training Package entry requirements for this qualification.

It is assumed that you have literacy, numeracy and technical skills at Certificate IV level for success in this course. Contact your TAFE NSW campus if you have any questions about your suitability.



- **Traineeship Allowed**
- **VET Student Loans Available**
- **Combination**
- **Full Time, Part Time**

CAREER**OPPORTUNITIES**

**IT Office
Manager, General
Application Support
Officer**

OVERVIEW

This qualification specialising in Database and Data Management 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).

The skills required for these roles may include, but are not restricted to:

- advanced networking: configuring and managing virtual computing environments, and security within ICT networks
- advanced programming: applying intermediate and advanced programming skills, managing data and building advanced user interfaces to manage organisational requirements
- back end web development: developing and maintaining website information architecture and data
- business analysis: designing and implementing technical requirements, quality assurance processes and contingency plans for businesses
- cloud architecture: developing, improving and designing cloud infrastructure, including disaster recovery plans
- cloud engineering: building, implementing and managing cloud infrastructure and virtual networks
- cyber security: protecting sensitive data and information through security architecture and developing disaster recovery and contingency plans
- database and data management: creating, designing and monitoring systems that store data and optimise organisational knowledge management
- front end web development: designing dynamic and complex websites, user experience solutions and documents using extensible mark-up languages
- game art and design: creating complex 2D and 3D modelling and animation software through scripts and storyboards
- game programming
- Systems administration
- Systems analysis

CAMPUS	STUDY MODE	START DATE	DURATION	MAX FEE IF ELIGIBLE FOR SUBSIDY	HOURS PER WEEK
Any Location (Mon, Tue, Thur)	Part Time, Combination	18 Jul 2022	36 weeks	Enquire	10
St George	Full Time, Combination	18 Jul 2022	18 weeks	Enquire	20

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