

ICT50220

# Diploma of Information Technology

- Comprehensive Diploma covering in-demand skills
- Award winning training provider
- Specialise in front-end and back-end web development or cyber security



NATIONALLY RECOGNISED  
TRAINING

RTO: 22530

# Your ticket to a rock-star career

The growth of the information technology sector in Australia means that the skills needed have not yet caught up with the demand. That's where you come in!

With the option to specialise in Front and Back End Web Development, or Cyber Security and Advanced Networking, you can upskill in the areas you need to become a sought-after IT professional.

## What does the course cover?

Depending on which specialisation you choose, you may cover:

- **Information technology fundamentals**
- **Dynamic website development**
- **Cyber security methods and best practices**
- **Managing local and virtual networks & system installations**
- **Vulnerability testing and incident management**
- **Essential management and leadership skills**

## Key benefits

### Choose your specialisation

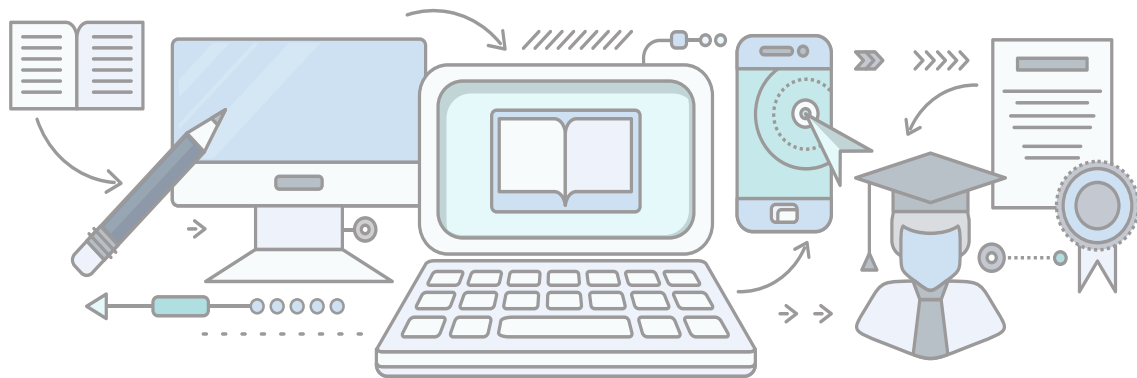
Monarch Institute offers two great specialisations – Front and Back End Web Development, or Cyber Security and Advanced Networking. Tailor it for you.

### Nationally recognised

This qualification is nationally recognised. It's part of the Australian Qualifications Framework. This means you may be able to use it as a pathway to higher education qualifications at institutions around Australia.

### Government funded

If you live in Victoria, Monarch Institute has government funded places. To see if you are eligible for a government funded place, please get in touch with one of our friendly Course Consultants.



## Study online. With a difference.

This course has been developed to give you absolute flexibility. Study on your couch, on public transport, on your break at work, out in the park – wherever and whenever you like. The best part is, with Monarch Institute, 'online' doesn't mean 'alone'. You'll be backed by our trainers at every step along the way. You'll get:

- Easy-to-follow course materials
- Videos and webinars
- Support from your course trainers (phone, email, Zoom)
- A dedicated admin team on hand to guide you
- Online assessments
- Access to a student Facebook group

## What is the course duration?

This course was designed to be completed within 18-25 months. This allows time to fit study around other work and social commitments.

Your completion time frame depends on your previous education, work experience, time availability and work rate. For example, if you're completing your practical exercises as part of your work duties, you could kill two birds with one stone! Of course, if you're having trouble wrapping your head around a concept or assessment piece, you can always reach out to your trainer for support.

## What is the course structure?

This course is delivered completely online. This means you'll access your learning and assessment resources using an online portal. You can access this anywhere and anytime.

You'll need to study a total of 20 nationally recognised units.

## What are the entry requirements?

There are no formal entry requirements. Just bring your drive, motivation and passion for the industry. That said, if this is your first time studying at this level, we'll need to check your levels of English and maths before you enrol. People with disabilities are encouraged and supported to apply.

## Course costs

**Monarch's courses are competitively priced.**

Check our website for the most up-to-date prices at

**[www.monarch.edu.au/courses](http://www.monarch.edu.au/courses)**  
or call us on **1300 738 955**.

This training is delivered with Victorian and Commonwealth Government funding for eligible students. Please check the eligibility requirements on our website, or get in touch to discuss your funding options.



**Get the skills that  
employers really want.**



**Unrivalled support.  
Delivered with care.**



**Absolute flexibility.  
Your way, your terms.**

# Nationally recognised units

## Diploma of Information Technology (Front & Back End Web Development)

The most successful web developers are also well-rounded professionals. They know how to think creatively, manage projects, get along with others on a diverse team, and take responsibility for their own professional development.

Choose your  
Specialisation

### Module 1 / Foundation Skills

- ICTICT517 Match ICT needs with the strategic direction of the organisation
- ICTICT532 Apply IP, ethics and privacy in ICT environments
- BSBCRT512 Originate and develop concepts
- ICTICT530 Design user experience solutions

### Module 2 / Client-side development

- ICTWEB522 Develop website information architecture
- ICTWEB452 Create a markup language document
- ICTWEB519 Develop complex web page layouts
- ICTWEB520 Develop complex cascading style sheets

### Module 3 / Dynamic website development

- ICTWEB441 Produce basic client-side script
- ICTWEB518 Build a document using extensible markup language
- ICTWEB451 Apply structured query language in relational databases
- ICTWEB513 Build dynamic websites

### Module 4 / Website services

- ICTDBS507 Integrate databases with websites
- ICTWEB514 Create dynamic web pages
- ICTPRG554 Manage data persistence using noSQL data stores
- ICTPRG553 Create and develop REST APIs

### Module 5 / Web development team skills

- ICTSAS527 Manage client problems
- BSBXTW401 Lead and facilitate a team
- BSBXCS402 Promote workplace cyber security awareness and best practices
- ICTWEB525 Implement quality assurance process for websites





# Diploma of Information Technology (Cyber Security and Advanced Networking)

When you study Monarch's Diploma of Information Technology, you'll learn how to safeguard organisations from hackers, cyber attacks, and more. Alongside your cyber security and networking skillsets, you'll also be equipped with essential IT skills to get you job-ready for a wide variety of exciting roles.

**Choose your  
Specialisation**

## Module 1 / Foundation Skills

- BSBXCS402 Promote workplace cyber security awareness and best practices
- ICTNWK424 Install and operate small enterprise branch networks
- BSBCRT512 Originate and develop concepts
- ICTPRG430 Apply introductory object-oriented language skills – Java

## Module 2 / Cyber Security

- ICTCYS407 Gather, analyse and interpret threat data
- ICTCYS610 Protect critical infrastructure for organisations
- ICTCYS613 Utilise design methodologies for security architecture
- ICTICT532 Apply IP, ethics and privacy policies in ICT environments

## Module 3 / Networking

- ICTNWK559 Install an enterprise virtual computing environment
- ICTSAS518 Install and upgrade operating systems
- ICTNWK557 Configure and manage advanced virtual computing environments
- ICTICT517 Match ICT needs with the strategic direction of the organisation

## Module 4 / Incidents and Testing

- ICTSAS524 Develop, implement and evaluate an incident response plan
- ICTSAS526 Review and update disaster recovery and contingency plans
- ICTNWK536 Plan, implement and test enterprise communication solutions
- ICTNWK540 Design, build and test network servers

## Module 5 / Leadership Skills

- ICTNWK546 Manage network security
- ICTNWK529 Install and manage complex ICT networks
- ICTSAS527 Manage client problems
- BSBXTW401 Lead and facilitate a team



# Jobs and career pathways

## Your springboard to a new career

In today's digitally focussed world, the demand for IT professionals in networking and cyber security as well as web development has grown exponentially – and is tipped to grow even more in the coming years. As more and more businesses move to online, keeping this information safe and secure has become a highly demanded skillset.

### Key opportunities include:

- Web developer
- UX lead
- Web applications lead
- eCommerce lead
- Network security specialist
- Network security engineer
- Cyber security analyst
- Cyber security specialist
- IT Analyst

## Industry insights



Employment/positions projection  
**38.9%\*growth to 2026**



Earnings (average full time)  
**\$2,342 per week**



Full time vs part time  
**93% full time**

# Why choose Monarch Institute?

**You need a different learning experience.  
We're ready to deliver.**

## Expertise

- ✓ Courses developed with leading academics and industry associations
- ✓ Delivered by brilliant trainers who work with corporate leaders
- ✓ Learn from professionals using real world case studies

## Flexibility

- ✓ Fit study around work, family, life
- ✓ Start immediately, or down the track
- ✓ Flexible payment options

## Support

- ✓ Dedicated team of trainers and support staff on hand to guide you
- ✓ Up to date, easy to understand course materials
- ✓ Fast assessment turnaround times with comprehensive trainer feedback

## Enrol today

Chasing your dream job? Ready to level up in your career?  
Start your ICT50220 Diploma of Information Technology  
with Monarch Institute today.



To discuss the course that's right for you call  
**1300 738 955**



To find out more information email  
**info@monarch.edu.au**



To enrol, visit our website  
**www.monarch.edu.au**

