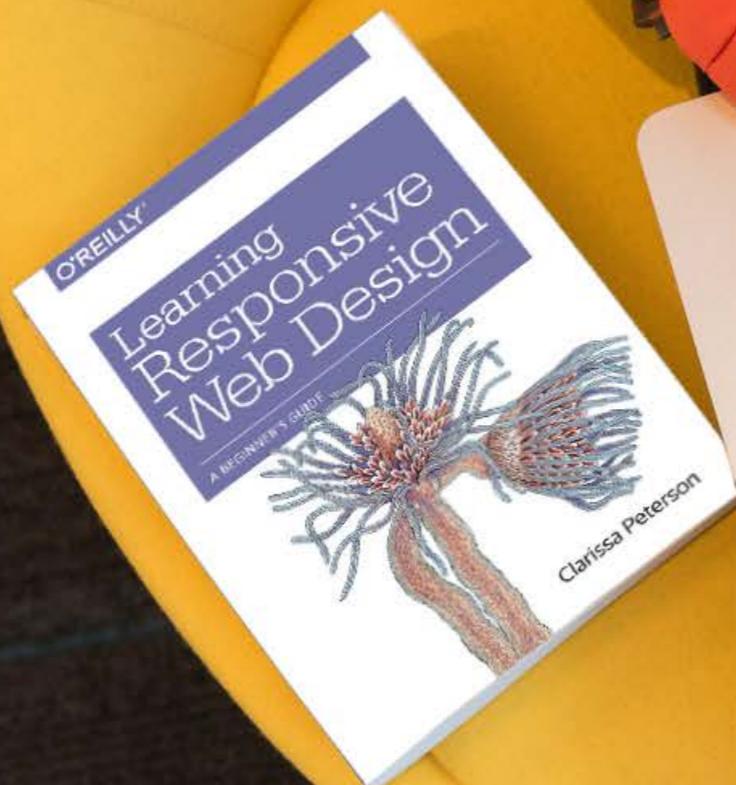# BECOME A WEBSITE DEVELOPER

EIGHTF⌀LD
INSTITUTE OF AUSTRALIA

**ICT50615**
DIPLOMA OF WEBSITE DEVELOPMENT

## YOU WILL LEARN TO:

▲ Code in the five core languages of the web

▲ Design and build beautiful and responsive

▲ websites using the latest technologies

▲ Design, build and administer web databases

▲ Host and maintain live websites

▲ Understand copyright, ethics and privacy on the web

▲ Host and maintain live websites

▲ Secure websites

▲ Work with clients

# DIPLOMA OVERVIEW

This course will give you a start in one of the world's largest IT employment sectors, designing, developing and maintaining websites and web databases.

You will learn to use leading industry tools such as cPanel and MySQL, and study the five core languages of the web. You will also study key topics such as working with clients, database design, usability and accessibility, and security.

The web is also a field that encourages and rewards creative expression and provides an avenue for both technical and creative abilities as it includes visual and interaction design alongside technical development. Web developers are like artists, providing for functionality and attractiveness, drawing the online customer in and helping to maintain their loyalty.

## BENEFITS OF OUR WEBSITE DEVELOPMENT COURSE

- Learn design, development and accessibility principles

- Learn the five core languages of the web – HTML, CCS3, JavaScript, PHP & SQL

- Optional ONLINE LIVE classrooms

- Become part of a massive global industry

- Flexible payment options
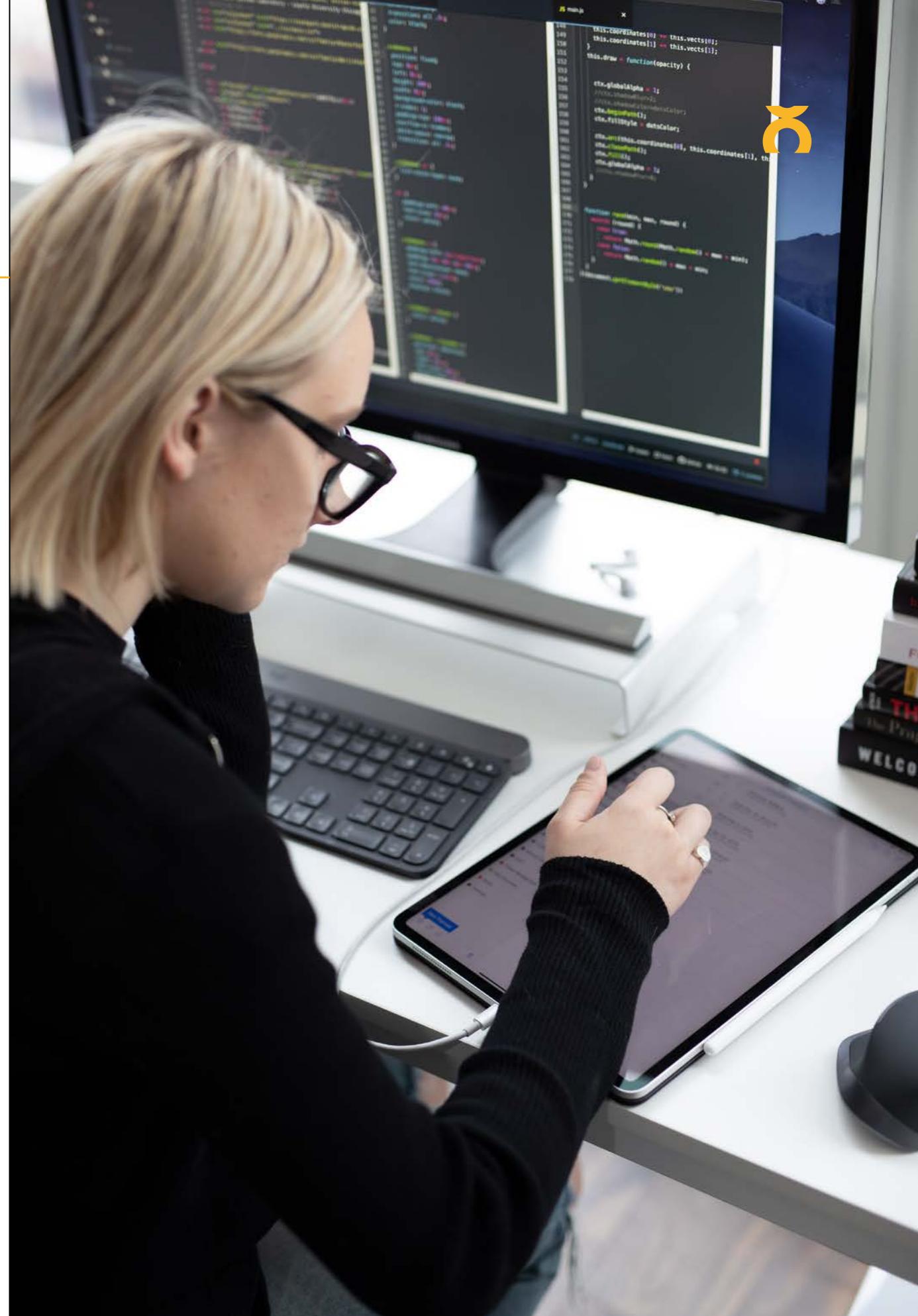
**ICT50615**

# DIPLOMA OF WEBSITE DEVELOPMENT

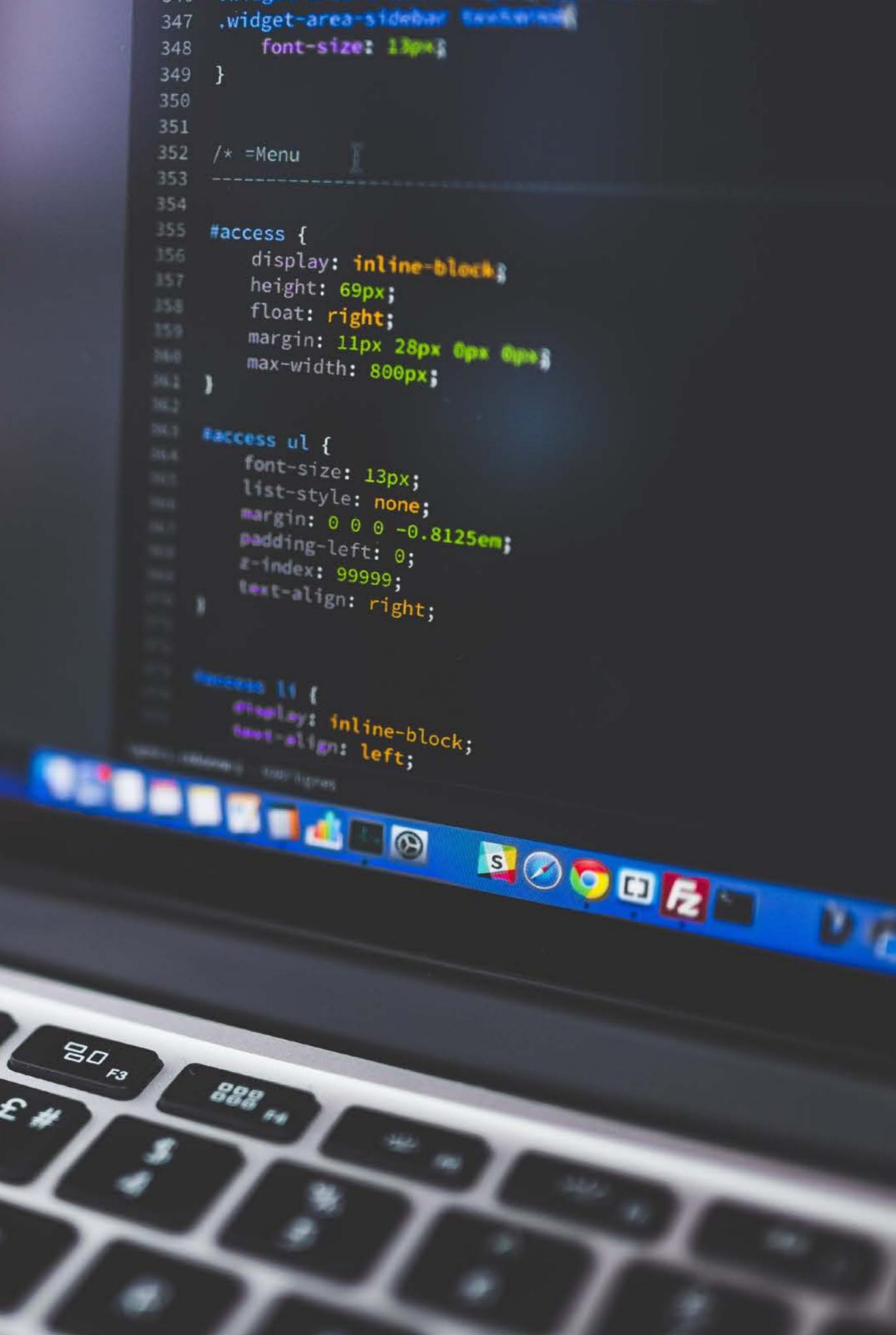The ICT50615 Diploma of Website Development is a nationally recognised qualification.

The official course duration is 18 months however you are able to complete as fast or as slow as you like depending on your existing skill level and how much time you are able to commit to your studies. Any extension beyond the official duration will be subject to extension terms, conditions and costs.

On successful completion of the Diploma you will have developed the skills required to work in entry level roles in web development; database design, development and administration; information architecture; search engine optimisation (SEO); or perhaps you want to start your own web development business.

This course has been entirely designed and written by industry and academic experts including Rebecca England, formerly an IT lecturer and course developer at Charles Darwin University; Sam Bahrij from Questionable Ethics; and Tyson Adams from Squiz Labs.

Full details and course prices are available on www.eightfold.edu.au

## CAREER OPPORTUNITIES:

Entry level roles relevant to this qualification include:

- ▲ Web Developer
- ▲ Database design
- ▲ Web Programmer
- ▲ Website Manager
- ▲ Web Administrator
- ▲ Search Engine Optimiser
- ▲ Information Architect

## ACCREDITION

This qualification is nationally recognised under the Australian Qualification Framework (AQF).

Training package details:
https://training.gov.au/Training/Details/ICT50615

# SUBJECTS & COURSE STRUCTURE

To obtain this qualification via the Assessment Only method, you will be required to complete 11 Subjects, which cover the 20 Units of Competency within the ICT50615 Diploma of Website Development.

| STAGE 1 | Web Basics | ICTWEB508 | Develop website information architecture | E |
| | | ICTWEB506 | Develop complex cascading style sheets | E |
| | | ICTWEB505 | Develop complex web page layouts | E |
| STAGE 2 | Working with clients | ICTICT515 | Verify client business requirements | C |
| | | ICTWEB501 | Build a dynamic website | C |
| STAGE 3 | Workplace Health & Safety | BSBWHS501 | Ensure a safe workplace | C |
| STAGE 4 | Web Projects | ICTPMG501 | Manage ICT projects | E |
| STAGE 5 | Web Copyright, Privacy & Ethics | ICTICT418 | Contribute to copyright, ethics and privacy in an ICT environment | C |
| STAGE 6 | JavaScript | ICTPRG418 | Apply intermediate programming skills in another language | E |
| STAGE 7 | SQL and PHP | ICTPRG430 | Apply introductory object-oriented language skills (Release 1) | E |
| | | ICTPRG425 | Use structured query language | E |
| STAGE 8 | Web Databases | ICTDBS502 | Design a database | E |
| | | ICTDBS415 | Build a database (Release 1) | E |
| STAGE 9 | Web Libraries & Trends | ICTPRG413 | Use a library or pre-existing components | E |
| | | ICTWEB516 | Research and apply emerging web technology trends | C |
| STAGE 10 | Web security | ICTWEB509 | Use site server tools for transaction management | E |
| | | ICTPRG507 | Implement security for applications | E |
| STAGE 11 | Web Sessions & Project | ICTWEB502 | Create dynamic web pages | C |
| | | ICTWEB503 | Create web-based programs | C |
| | | ICTDBS504 | Integrate database with a website | C |

* C = Core | E = Electives

## ENTRY REQUIREMENTS

There are no formal entry requirements for this course. However, it is recommended you have strong competence in the use of computers and the internet.

## DURATION

You are permitted up to 12 months full-time or 18 months part-time to complete the course.

Your actual completion time may be less depending on your existing experience and the time you are able to commit to your study.

Extensions can be requested if required, but are subject to conditions and fees as detailed in the Extension policy.

## RECOGNITION OF PRIOR LEARNING

If you have existing relevant skills you may be able to apply for Recognition of Prior Learning (RPL). This may allow you to gain credit for some units in the course, reducing the amount of assessment required and/or potentially lowering the course cost.

If you believe you are eligible for RPL, please forward a detailed resume. A trainer will then contact you to determine which units you may be able to apply for, what evidence will be required, and what the amended tuition fee will be.

If you are able to RPL the entire qualification the course fee will reduce to $3,000. There will be additional charges if a bridging course is required.

## COMPUTER REQUIREMENTS

The ICT50615 Diploma of Website Development requires you to have access to a computer that meets the following minimum requirements:

### WINDOWS

**Operating System:**
Windows 8 / 10 / Vista

**Hardware:**
Min 4GB RAM, (8GB recommended) | 1.4GB of Hard Disk space | Screen with min resolution of 1280 x 800

### MAC

**Operating System:**
Mac OS X 10.7 or higher, up to 10.11 (El Capitan)

**Hardware:**
Min 4GB RAM, (8GB recommended) | 1.4GB of Hard Disk space | Screen with min resolution of 1280 x 800

### LINUX

**Operating System:**
GNOME or KDE desktop | GNU C Library (glibc) 2.15 or later

**Hardware:**
Min 4GB RAM, (8GB recommended) | 1.4GB of Hard Disk space | Screen with min resolution of 1280 x 800

## ENTRY REQUIREMENTS

The enrolment process is easy. You can enrol by:
Emailing us at info@eightfold.edu.au

You will be required to provide completed documentation and Identification before commencement of the course, in order to finalise your enrolment. Depending on your circumstances you may also be required to supply copies of previous qualification, or complete a Core Skills assessment to ensure the course is suitable for you.

# EIGHTF⊗LD
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