Benefits of e-learning

**DIPLOMA OF BUILDING DESIGN**

**The Qualification**

CPP50911 Diploma of Building Design

The qualification is a nationally approved and recognized award for construction-design para-professionals serving the Built Environment industry. The award contains 17 units of competency, with a strong focus and agenda dealing with 21st design drafting techniques using high-end, industry standard CAD drafting and modelling software, and is underpinned by comprehensive architectural principles and practices.

**The Method**

Exclusive ONLINE delivery medium

Digital Construction Academy delivers the course portfolio by ONLINE distance learning using a variety of multi-media and web-based platform for the delivery of all learning, teaching and assessment. This provides for an exciting and interactive learning experience for the student and allows for students to manage their own learning pace to fit around other commitment and continue working part, or even full time - tailor made to LEARN WHILE YOU EARN.

**The Potential**

Future Proof Your Career

Benefiting from extensive exposure to the very latest high-end CAD software not only prepares you with the most current and relevant skill set for industry, but also provides an opportunity for students to establish an acute awareness of the current and forthcoming trends in digital technologies applied in architectural design, drafting and detailing. This qualification is ideal for opening doors into a range of architectural and construction related employers as Drafters, Detailers, Design specialists, Construction Technicians and Associates. As a nationally approved qualification, the Diploma is recognized by the Queensland Building and Construction Commission for licensing purposes as a registered Building Designer. Other states have similar arrangements.
Course Framework

What Will I Study?

This nationally approved Diploma qualification provides an exciting opportunity for students who may be interested in, or passionate about architecture, building design and the built environment.

Building designers play a key role in design, especially in residential housing development, but also undertake commercial projects, such as hotels, restaurants, retail outlets, office buildings and others.

There are 17 units of competency required to complete the Diploma. Though optional units in the framework do occasionally change at the discretion of the centre, the current course consists of:

In **SEMESTER 1**, you will be introduced to fundamental concepts and practice in:
- **CPPBDN5001A** Research Construction materials and methods for small scale residential building design projects
- **CPPBDN5006A** Consult with clients to produce approved small scale building design project briefs
- **CPPBDN5008A** Develop concepts for small scale building design projects and finalise solutions with clients
- **CPPBDN5017A** Produce 2D drawings for building design projects using CAD software
- **BSBWRT401A** Write complex documents [continues through all semesters]

In **SEMESTER 2**, you will be introduced to fundamental concepts, regulatory issues and further practical development of design skills with 3-dimensional modelling software:
- **CPCCHS2001A** Apply OHS requirements policies and procedures in the construction industry
- **CPPBDN5003A** Research compliance requirements for small scale residential building design projects
- **CPPBDN5012A** Produce and present 3D models of small scale building designs
- **BSBWRT401A** Write complex documents [continues]

In **SEMESTER 3**, you will move on to the technical and design considerations for energy and environmental factors, and begin dealing with commercial building organisations too.
- **CPPBDN5005A** Recommend sustainability solutions for small scale building design projects
- **CPPBDN5011A** Produce compliant client approved working drawings for small scale building design projects
- **CPCSS5013A** Apply principles of energy efficient design to buildings
- **BSBWRT401A** Write complex documents [continuation]

In **SEMESTER 4**, you will develop your design and documentation skills in commercial type building projects and extend your learning into the complex world of Building Information Modelling implementation.
- **CPPBDN5002A** Research construction materials and methods for small scale non-residential building design projects
- **CPPBDN5009A** Produce compliant client approved working drawings for small scale building design projects
- **CPPBDN5013A** Develop and collaborate on building information models for small scale building projects
- **BSBWRT401A** Write complex documents [continuation]

In **SEMESTER 5**, you will complete your studies with a ‘capstone’ self-generated design project and compliment your skills with enhanced presentation skills in interior design and computer aided animation.
- **CPPBDN5015A** Produce compliant client approved working drawings for non-residential buildings
- **CPPBDN5016A** Produce and present rendered animations of 3D models of small scale building projects
- **LMFID5014A** Use CAD applications to complete models and documentation for interior design briefs
- **BSBWRT401A** Write complex documents [completion]

**NOTE:** Students presenting with existing credits or following custom conditions for RPL will be presented with unique learning pathway information pertaining to achievement of the above.

**Entry Requirements**

How do I get in and get started?

There are **NO** formal entry requirements for access to the Diploma, but most applicants usually present very well with successful completion of Year 12, or are occasionally in possession of a Certificate III/IV award in a related technical area. All applications are assessed individually, and other qualifications or experience for mature entrants or other candidates may also be taken into account.

A fully ONLINE process is used for applications and enrolment, found on the website - just follow the **APPLY NOW** button.
How Do I Study ONLINE

What Do I Need?

We only generally expect that you have a suitable desktop or laptop machine capable of supporting CAD software, and have a good, stable, Internet connection.

This does not mean that it is necessary to purchase new or replace an existing machine - a reasonably well specified laptop with a minimum of 4Mb RAM will suffice, though a little more RAM is advisable, 8Mb or more, depending upon budget.

Just as important to have that good internet speed and connection!

In terms of other resources, we strongly recommend a headset and mic combination for web conferencing.

Most reading material is generally provided, however some staff may refer to additional reading which is optional, and you may decide to buy the occasional book or other publication.

All physical learning and resource material needed on the Diploma is provided to enrolled students and covered in full by your tuition fees. This includes material in all formats delivered by online methods, including:

- audio learning material and tutorials
- video learning material and tutorials
- interactive software e-learning tutorials
- traditional, downloadable PDF and text material

All CAD software required is provided by Digital Construction Academy under educational license conditions. See below.

Your Contribution

It is reasonably expected that you will organise your physical study resource and study time management. We would also reasonably expect that you have note taking materials, and are always fully prepared and organised, especially for connected web class conference with your tutor.

Your tutor may refer to additional texts or reading. It is entirely at your discretion whether to explore these opportunities by purchasing books, magazine or electronic journals, or just simply by visiting your local library.

NOTE: Apple Mac computers are NOT ideally suited to the software used in the Course.

The Software Used

All your specialist CAD software is provided under educational license arrangements. You should adhere to Terms and Conditions of Use at all times - provided, educational software should NEVER be used for real world projects or any commercial activity.

In the Diploma of Building Design, you will be extensively exposed to the following:

- AutoCAD
- Revit
- 3D Studio

There may also be opportunities to explore other software types, such as Tekla Structures or other application.

DIRECT LIVE COMMUNICATION WITH TUTORS

We also provide webinar class schedules using screen sharing technologies and encourage students to make regular use of these opportunities to embellish and support their learning. They are also used extensively to provide demonstrations and investigate technical problems a student may be having.

Many students have a regular weekly session with their tutor.

At Digital Construction Academy - YOU ARE NOT A DISTANCE LEARNER. Your online tools provide a constant 24/7 line of communication with academic staff.

A Note on Scheduling and Attendance

Online education does provide the greatest degree of flexibility, and this suits those with additional influences on their lives, such as work commitments, family constraints and others. We understand these.

We do ask, however, that you keep us informed. We would generally expect an ‘average’ student to be committing to about 8 hours of study each week. Weekly web meetings with a tutor will help in the organisation of this.

In regards to personal commitments, where you are faced with external obligations you cannot avoid, you should simply let us know, and we will try to accommodate where possible.

If you have planned holidays or other significant events coming up in your life, just let us know, with some warning - don’t just disappear off the radar!!
How Do I Get Started

APPLY NOW

Follow the Apply Now links on the website. This will take you to an easy, online enrolment form. This is lodged in our electronic database, and once we have imported and verified the data, you will normally receive a Confirmation Letter to offer you a place on the Diploma, with or without conditions, and you should be informed at this stage if there are any unique learning conditions associated to your enrolment and induction.

Once you have accepted the offer, usually by return of an email message, you are then formally registered with us as an active student. Based on the normal academic semester arrangements, or your unique learning pathway, whichever is indicated, the invoice for the first Semester group of units will be issued. Invoice settlement is completed by bank transfer of funds and usually clears in 1 to 2 working days, after which you will receive your credentials for the Virtual Learning Environment.

Course & Unit Fees

Are always as published on the website. You will find in the Diploma of Building Design area of the website, the most current fees for the period. Any adjustments to fees for Concession Rates, RPL or any other unique learning conditions, will have been indicated on your invoicing already.

Concession Rates

Are as fully published on the DCA Fee Page of the website.

RPL

All RPL information and costs is as published on the DCA RPL Page of the website.

Thank You for Your Interest in studying with

Digital Construction Academy
Nationally Recognised Training
RTO Number 31840

…..fostering excellence in the discovery, interpretation and diffusion of knowledge…..

We will always strive to provide a helpful and friendly service
We will respond to your enquiries in a timely manner, normally same day, and always within 24 hours
We aim to give accurate timeframes on completion times
We will guide you through your studies so that you don’t feel remote to the learning centre
No such thing as a stupid question
We will treat you with respect at all times
We will always be honest with you
If we make a mistake, we will admit it and ensure it is rectified
All fees and charges will be clearly provided, and the website will always indicate current rates
If you have any concerns, or other questions we will always be happy to discuss them
If you are ever unsatisfied with us in any way, we will endeavour to fully understand your point of view and work towards a positive outcome