CPP40115 Certificate IV in Building Design Drafting

DESCRIPTION
The building design drafter uses 2D, 3D computer aided drawing (CAD) software and building information modelling (BIM) processes to support building designers and architects.

Drafters work on all classes of buildings including residential, multi-residential, commercial and industrial projects to produce drawings and documentation for planning and building permit approvals.

Administrative roles are significant for the drafter, researching statutory and regulatory requirements for application into designs as well as manual and digital file integration, control and archive management.

Using contemporary tools and industry-specific software, drafters carry out a range of tasks that typically include:

- collecting and storing project information
- researching and evaluating construction legislation, codes, standards, methods and materials
- setting up computer aided design (CAD) and building information modelling (BIM) software files and producing digital building designs
- analysing and checking building designs for compliance with legislation, codes and standards
- producing documentation for planning and building approval
- providing support to building project designers

This qualification is available to international students (CRICOS Course No. 095139F). Please refer to http://www.cdu.edu.au/international/future-students/courses for course and fee information.

ELIGIBILITY/ENTRY REQUIREMENTS
To gain entry into CPP40115 Certificate IV in Building Design Drafting, candidates require:
- Successful completion of English and Maths to a Year 12 standard or
- Mature aged equivalent with industry based skills and knowledge ie: construction
- Confident computer literacy
- Candidates are expected to have or obtain an NT White Card

DELIVERY DETAILS

<table>
<thead>
<tr>
<th>Location (s)</th>
<th>Duration</th>
<th>Study mode</th>
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<tbody>
<tr>
<td>Casuarina campus</td>
<td>12 months Full Time</td>
<td>Face to Face</td>
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<tr>
<td></td>
<td>2 years Part Time</td>
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2019 FEES
This course is subsidised by the NT Government. The NT subsidy applies to eligible domestic students living in the NT and is subject to available places. The full fee will apply when funded places have been filled and for students that are ineligible for the NT Government subsidised rate.

This course has a total of 985 hours, approximate 2019 course fees will be:
- NT Government subsidised place: $3152.00
- Full Fees: $19,207.50
For more information on fees, payment options, instalment plans and refunds contact CDU on 1800 061 963 or refer to www.cdu.edu.au/cdu-vet/student-guide/fees

ASSESSMENT
Assessments vary with each unit. You will be provided with an assessment guide.

RECOGNITION OF PRIOR LEARNING (RPL)
Students can apply for RPL during pre-enrolment or after enrolment. Students are provided with an RPL Self-Assessment before application and followed through with and an initial interview with an assessor.

RESOURCES
Students are issued with access to computing equipment and software, codes and standards and textbook materials for the Certificate IV in Building Design Drafting.

STUDY AND CAREER PATHWAYS
Further training pathways from this qualification include but are not limited to the Bachelor of Design. On completion of this qualification credit(s) may be available into Higher Education courses.

Possible occupations relevant to this qualification include:

- Architectural Drafter
- CAD and/or BIM operator (Revit)
- Building (Design) Technician

QUALIFICATION CONTENT
To achieve a qualification a total of fifteen (15) units of competency must be completed comprising nine (9) core and six (6) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

PROGRAM CONTENT
This training program covers 15 units of competency taken from the CPP Training Package which is recognised nationwide.

CORE UNITS

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>CPPBDN4001</td>
<td>Research and evaluate construction materials and methods for building design projects</td>
</tr>
<tr>
<td>CPPBDN4002</td>
<td>Research and apply compliance requirements to technical construction documentation</td>
</tr>
<tr>
<td>CPPBDN4003</td>
<td>Collect, apply and store building design project information</td>
</tr>
<tr>
<td>CPPBDN4004</td>
<td>Set up BIM-capable software and files for building design drafting projects</td>
</tr>
<tr>
<td>CPPBDN4005</td>
<td>Review and report structural integrity of building designs</td>
</tr>
<tr>
<td>CPPBDN4006</td>
<td>Import and transpose information from external sources into digital building design drawings</td>
</tr>
<tr>
<td>CPPBDN4007</td>
<td>Store and retrieve building design documentation</td>
</tr>
<tr>
<td>CPPBDN4008</td>
<td>Produce digital building design concept drawings</td>
</tr>
<tr>
<td>CPPBDN5017A</td>
<td>Produce 2-D drawings for building design projects using CAD software</td>
</tr>
</tbody>
</table>

ELECTIVE UNITS

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPPBDN4009</td>
<td>Analyse building design drawings and review findings</td>
</tr>
<tr>
<td>CPPBDN4010</td>
<td>Prepare documentation for planning approval</td>
</tr>
<tr>
<td>CPPBDN4011</td>
<td>Prepare documentation for building approval</td>
</tr>
<tr>
<td>CPPBDN4012</td>
<td>Provide support to project building designers</td>
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<table>
<thead>
<tr>
<th>CPPBDN4013</th>
<th>Produce construction detail drawings</th>
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<tbody>
<tr>
<td>CPPBDN5007A</td>
<td>Inspect and analyse sites and produce measured drawings for small-scale building design projects</td>
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WITHDRAWING FROM A QUALIFICATION

You may withdraw from this qualification and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

SUPPORT SERVICES

The University supplies support for students in many areas, including: Accommodation, Careers and Employment, Counselling, Disability Service, Equal Opportunity, Discrimination and Harassment advice, Australian Indigenous Student Support Services, Information Technology Services, International Student Support Services, Library Services, and Learner Support Services.

More information is available at - www.cdu.edu.au/study/student-life/student-support

CONTACT DETAILS

SCHOOL OF TRADES
Building Technology

T. 08 8946 7508
E. vet.buildtech@cdu.edu.au
W. www.cdu.edu.au/cdu-vet

Refer to the VET Student Guide www.cdu.edu.au/cdu-vet/student-guide for information regarding the enrolment process, student support services, student rights and responsibilities, previous studies recognition and the A-Z of other information.