In this program, you’ll examine the principles, techniques and regulations of the building and construction industry for all types of medium-rise and wide-span buildings, including buildings up to 25 metres high.

Construction is not just about building sites, it’s about building a bigger picture: the planning, coordination, and control of a project from inception to delivery.

This practical program incorporates hands-on work and project-based learning. You’ll experience many aspects of building projects and understand how these relate to each other. You’ll go on site excursions to gain hands-on experience in the field, which will include visits to residential projects and commercial construction projects.

Note: Program may change as training packages are updated.
Students require a Construction Induction Card (CPCCOHS1001A Work Safely in the Construction Industry) to take part in required site visits and/or associated assessment.

Industry connections
This program emphasises project-based learning where your assessment will be based on real or simulated industry conditions.
Several units include site visits, field exercises and workshops.

Career outlook
Completing the Diploma of Building and Construction (Building) gives you a stronger chance of gaining employment in the building industry. You will be eligible for employment at the middle management level in the building industry, in areas including:
- building construction, supervision and management
- estimating
- purchasing
- contracts administration.
You may also find employment in other related fields, either on a building site or in a head office environment.
In time, you may start your own business.

Professional recognition
Once you’ve completed this Diploma, and have at least three years of experience in industry, you can apply to the Building Commission for an interview to be granted qualifications as a Registered Building Practitioner (domestic builder and/or commercial builder).

We’ve developed this program in response to industry needs and it’s recognised by the building and construction industry.

Completing this program is a minimum requirement for associate membership with the Australian Institute of Building.

Pathways
Graduates may be eligible to apply for credit in the following programs, if successful in gaining a place:
- Bachelor of Applied Science (Construction Management) (Honours)
- Bachelor of Applied Science (Project Management) (Honours)
- Bachelor of Applied Science (Property and Valuation) (Honours).
## Program structure

You’ll learn all aspects of the building industry, including:
- project planning and management
- project estimating
- project monitoring
- structural principles both residential and commercial

- occupational health and safety requirements
- office management/administration skills
- thermal principles
- building regulations
- building services.

### Core units
(Mandatory)

<table>
<thead>
<tr>
<th>Core units</th>
<th>Elective units Group A</th>
<th>Elective units Group B</th>
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<tbody>
<tr>
<td>Apply building codes and standards to the construction process for low rise building projects (CPCCBC4001A)</td>
<td>Monitor costing systems on medium rise building and construction projects (CPCCBC5002A)</td>
<td>Manage project risk (BSBPMG508A)</td>
</tr>
<tr>
<td>Select and prepare a construction contract (CPCCBC4003A)</td>
<td>Supervise the planning of on-site medium rise building or construction work (CPCCBC5003A)</td>
<td>Apply site surveys and set-out procedures to medium rise building projects (CPCCBC5006A)</td>
</tr>
<tr>
<td>Identify and produce estimated costs for building and construction projects (CPCCBC4004A)</td>
<td>Manage construction work (CPCCBC5010A)</td>
<td>Administer the legal obligations of a building or construction contract (CPCCBC5007A)</td>
</tr>
<tr>
<td>Apply structural principles to residential low rise constructions (CPCCBC4010A)</td>
<td>Apply structural principles to the construction of medium rise buildings (CPCCBC5018A)</td>
<td>Identify services layout and connection methods to medium rise construction projects (CPCCBC5009A)</td>
</tr>
<tr>
<td>Prepare and evaluate tender documentation (CPCCBC4013A)</td>
<td>Apply principles of OHS risk management (BSBOHS504B)</td>
<td>Manage environmental management practices and processes in building and construction (CPCCBC5011A)</td>
</tr>
<tr>
<td>Apply building codes and standards to the construction process for medium rise building projects (CPCCBC5001B)</td>
<td>Manage project quality (BSBPMG505A)</td>
<td>Build thermally efficient and sustainable structures (CPCCBC4020A)</td>
</tr>
</tbody>
</table>

This program is structured to deliver competencies, knowledge and skills required by the nationally accredited Construction, Plumbing and Services Training Package. It includes core and specialist units in the major study areas.

### Entrance requirements
Successful completion of an Australian Year 12 senior secondary certificate of education or equivalent.

### Additional information
Non-Year 12 applicants may submit additional information if they would like it to be considered. For semester 1 intake, this can be completed through the VTAC Personal Statement online. For semester 2 intake, this can be completed through the personal statement in the Apply Direct application.