

# Building

## COURSES

Diploma of Building and Construction  
(Building)

Certificate III in General Construction  
(Carpentry – Framework, Formwork,  
Finishing)  
and  
Diploma of Building and Construction  
(Building) **NEW**

Diploma of Building and Construction  
(Building)



## DIPLOMA OF BUILDING AND CONSTRUCTION (BUILDING)

**(BCG50206)**  
**CRICOS: 063615C**  
**2 years**

### OVERVIEW

Graduates in this course will have developed specialist skills in areas such as project management, OSH&S, risk management, codes and regulations, cost control and supervision via theory and practical projects related to residential, industrial and commercial building construction.

### STUDY AREAS

#### Year 1

- Apply codes and standards
- Monitor building construction costing systems
- Supervise planning of construction work
- Apply structural principals to the construction of medium rise buildings
- Apply principals of OH&S risk management
- Produce working drawings residential

#### Year 2

- Manage project quality
- Manage Project risk
- Administer legal obligations of a building and construction contract
- Identify services layout
- Apply legal requirements to urban development and building construction

### ASSESSMENT METHODS

There is continuous assessment whilst undertaking each module or project by individual or collaborative assignments and projects and individual exams.

### TEACHING METHODS

Supervised classroom learning, lectures, self paced learning, supervised individual and collaborative practical components.

### EMPLOYMENT OPPORTUNITIES

Employment in the building industry in the areas of estimating, project scheduling, supervising construction and site office administration.

### FURTHER EDUCATION OPPORTUNITIES

Students may be able to articulate into several university degree courses such as Bachelor of Construction Management and Bachelor of Building.

### ENTRY REQUIREMENTS

**IELTS 5.5 or equivalent**  
**Year 12 or equivalent; others is listed**

### CAMPUS AND INTAKE

**Campus: Frankston**  
**Course Commences: February**

### FEES

**2009 Fee Payable (Per Year):**  
**AUD\$9,300**  
**Additional Costs: Approx. AUD\$400 per year for text books and equipment fee.**



## DIPLOMA OF BUILDING AND CONSTRUCTION (BUILDING)

**NEW**

**(BCG50206)**  
**(CRICOS 063615C)**

## AND CERTIFICATE III IN GENERAL CONSTRUCTION (CARPENTRY-FRAMEWORK/FORMWORK/FINISHING)

**(BCG30798)**  
**CRICOS: 062838G**  
**2 years**

### OVERVIEW

The Certificate III provides the practical skills and knowledge required to undertake employment as a Carpenter in the Building and Construction Industry

The Diploma of Building which covers building theory and practice related to residential, industrial and commercial buildings. Graduates will have developed specialist skills in plan estimating, scheduling, construction technology, surveying procedures, regulations, standards, soils and footings- leading to greater employment opportunities and articulation to further study.

### STUDY AREAS

#### Year 1

- Interactive workplace communication
- OH&S
- Hand and power tools
- Small plant and equipment
- Restricted height scaffolding
- Levelling
- Concrete to simple forms
- Explosive power tools
- Formwork
- Sub floor framing
- Wall framing
- Roof framing
- Exterior cladding
- Timber mouldings
- Doors and fixings
- Wet area construction
- Building codes
- Apply structural principals – domestic

## Year 2

- Produce estimated costs
- Produce labour costs
- Plan building and construction works
- Conduct on-site supervision
- Apply legal requirements to building and construction projects
- Apply construction principals, commercial
- Read and interpret plans and specifications
- Apply site surveying and set out procedures
- Build thermally efficient structures
- Manage finances
- Advanced roofing
- Building codes

## ASSESSMENT METHODS

The assessment methods in this course may take the form of continuous oral and written assessments combined with practical assessments within the workshop and workplace.

## TEACHING METHODS

The teaching methods in this course comprise of classroom based teaching and supervised individual and collaborative workshop based practical projects.

## EMPLOYMENT OPPORTUNITIES

Building Tradesperson (Carpenter),  
Building Foreman, Building Estimator,  
Building Supervisor.

## FURTHER EDUCATION OPPORTUNITIES

Diploma of Building and Construction.

## WORKING EXPERIENCE SUPPORT

Paid work experience in the field of carpentry and building will be found for students within the first 3-6 months of the course.

## ENTRY REQUIREMENTS

**IELTS 5.5 or equivalent**  
**Year 11 or equivalent**

## CAMPUS AND INTAKE

**Campus: Dandenong**  
**Course Commences: February/July**

## FEES

**2009 Fee Payable:**  
**AUD\$12,200 per year**  
**Additional Costs: At the commencement of the course students will be required to purchase protective clothing at a cost of AUD\$200. The teachers will provide details of equipment and where to purchase these items.**



## DIPLOMA OF BUILDING DESIGN AND TECHNOLOGY

**(40356SA)**  
**CRICOS: 049844G**  
**2 years**

## OVERVIEW

This course is undergoing change in 2007/2008. Please check the Chisholm website [www.chisholm.edu.au](http://www.chisholm.edu.au) for further information.

This course covers building design, drafting and building theory and practice related to residential, industrial and commercial buildings. Graduates will have developed skills in manual and computer aided drafting. Design and documentation skills at the sketch, planning and construction stages will be attained, along with a broad knowledge of the construction of residential and commercial buildings.

## STUDY AREAS

## Year 1

- Drafting office administration
- Residential construction technology
- Site survey and drawing
- Projected presentation
- Residential materials
- Two dimensional computer aided drafting
- Residential documentation
- Residential working drawings 1 and 2 storey buildings
- Residential design – 1 and 2 storey buildings
- Sketch presentation
- Timber frame design

## Year 2

- Drafting project administration
- Commercial construction technology
- Environmental sustainable building services
- Commercial materials
- 3D modelling
- Commercial working drawings
- Digital rendering
- Commercial documentation
- Commercial design
- Architectural history since 1825
- Architectural models
- Business management

## ASSESSMENT METHODS

Continuous assessment after the completion of each module, by tests, internal exams, individual assignments and assessment of practical competencies.

## TEACHING METHODS

Supervised classroom learning, lectures, self-paced learning, and supervised practical components.

## EMPLOYMENT OPPORTUNITIES

Work with Architects or Building Designers, covering duties such as design, drafting documentation, project documentation and project administration. Graduates may also set up their own practice as Building Designers or Consultants after a period of approved practical experience.

## FURTHER EDUCATION OPPORTUNITIES

Students may be eligible to enter into the second year of an architectural course at university.

## ENTRY REQUIREMENTS

**IELTS 5.5 or equivalent**  
**Year 12 or equivalent**

## CAMPUS AND INTAKE

**Campus: Frankston**  
**Course Commences: February**

## FEES

**2009 Fee Payable: AUD\$9,300**  
**Additional Costs: Approx. AUD\$400 per year for text books and equipment fee.**