

# Built Environment, Engineering and Marine

Building Design  
and Technology

Civil Engineering

Interior Technology

Horticulture

Marine Surface Finishing

## Certificate IV in Building/ Diploma of Building

### Program Description:

Develop skills and knowledge progressively in line with Building Licence requirements in the areas of quantity surveying, tendering, job supervision and safety management, construction, personnel management, cost control and quality, construction technology and detailing, planning and scheduling and contract administration. Learn about the latest technology, processes and management techniques used in the building and construction industry.

**Duration:** 2 years or 2–4 years part time

**Offering:** Semester 1 full time  
Semester 1 and 2 part time

**Campus:** Ashmore

**Career Outcomes:** Builder, Estimator, Planner, Building Technician or Site Supervisor for medium level constructions.

## Diploma of Building Design and Technology

### Program Description:

Acquire fundamental architectural principles, traditional and CAD drawing techniques and environmental design considerations. First year of study relates to low-rise/single story residential scale buildings, second year of study relates to industrial and commercial buildings that are predominately medium rise.

**Duration:** 2 years full time

**Offering:** Semester 1

**Campus:** Ashmore

**Career Outcomes:** Residential and Architectural Draftsperson/Technician, CAD Operator, Building Designer, Model Maker, Building Inspector, Plan Checker.  
**University articulation available.**

## Advanced Diploma of Civil Engineering (Structural Design)

### Program Description:

Focused on civil design, construction work and structural work in steel and concrete. Acquire knowledge on the many aspects of civil engineering design including concrete analysis and design, road works, hydraulics, hydrology and earthworks.

**Duration:** 2 years full time

**Offering:** Semester 1

**Campus:** Ashmore

**Career Outcomes:** Civil Engineer in Design or Construction, Computer Aided Design, Drafting, Surveying, Soil Analysis, or Site Construction arenas. This program has been designed for people wishing to achieve paraprofessional qualifications in Engineering that are recognised nationally and relate to industry awards.  
**University articulation available.**

## Diploma of Interior Technology

### Program Description:

Produce technical drawings and presentation drawings of design concepts and solve construction issues related to interior fit-outs. Develop manual drawing and CAD skills using ArchiCAD. Learn how to select appropriate colour schemes, furnishings, fittings, fixtures, finishes and furniture, and create a digital portfolio of your work using multimedia applications.

**Duration:** 2 years full time

**Offering:** Semester 1

**Campus:** Ashmore

**Career Outcomes:** Interior Technician in the residential housing or commercial building arenas, interior product sales or technical support to an Interior Designer.  
**University articulation available.**

## Certificate III in Horticulture (Landscape)

### Program Description:

Learn how to install landscape structures including brick, masonry and pavers, install irrigation systems, supervise landscape planting work, advise on plant selection and supervise on site.

**Duration:** 6 months full time

**Offering:** Semester 1 and 2

**Campus:** Ashmore

**Career Outcomes:** Gardener, Landscape Assistant in gardening services, landscaping companies, resorts and garden suppliers. This trade qualification is required for BSA licence.

## These programs are co-provided in conjunction with Wide Bay Institute of TAFE

- Coxswain - Certificate II in Transport and Distribution (Maritime Operations)
- Mater Class V - Certificate III in Transport and Distribution (Maritime Operations)
- MED3 - Certificate II in Maritime Engine Driving - Grade 3

These programs are conducted at various times throughout the year. Please contact our Customer Service Staff on (07) 5581 8300 for further details.

Gold Coast Institute of TAFE inspires students to become constructive masterminds, harnessing logic, design and meaning to produce quality, aesthetic and attractive creations. Students are encouraged to draw upon skills to develop good, purposeful designs that are to be implemented and used specific to their profession, whether it be the building environment, engineering or marine.



### Certificate III in Horticulture (General)

#### Program Description:

Learn how to maintain parks and gardens, establish turf, undertake propagation activities and maintain nursery plants. Acquire knowledge about Occupational Health and Safety issues and chemical and biological agents.

**Duration:** 6 months full time

**Offering:** Semester 1 and 2

**Campus:** Ashmore

**Career Outcomes:** Groundskeeper, Gardener, Park Attendant in reserves, parks and resorts, production nursery hand. This trade qualification is required for BSA licence.

### Horticulture Skills Assessment

#### Program Description:

Gap training for those with considerable and restricted or no formal qualification. Existing knowledge and skills are identified through Recognition of Prior Learning (RPL) or trade recognition to achieve a trade level outcome.

**Duration:** Up to 1 year part time

**Offering:** Semester 1 and 2

**Campus:** On job site/premises

**Career Outcomes:** Obtain a trade qualification in Horticulture. This trade qualification is required for BSA licence.

### Boat Building and Marine Surface Finishing Skills Recognition

#### Program Description:

Gap training for those with considerable and limited or no formal qualification. Existing knowledge and skills are identified through Recognition of Prior Learning (RPL) or trade recognition to achieve a trade level outcome.

**Duration:** Up to 1 year part time

**Offering:** Semester 1 and 2

**Campus:** Coomera

**Career Outcomes:** Obtain a trade qualification in marine.

### Diploma of Horticulture

*Note: Certificate III in Horticulture or demonstrated relevant industry experience is a pre-requisite for this program*

#### Program Description:

Covers plant management, pest and disease control, budgets, quotes and tenders, irrigation, parks and gardens, soil management and report preparation. Offers specialisation in parks and gardens or landscaping.

**Duration:** 6 months full time or 12 months part time (for those working in industry)

**Offering:** Semester 1 and 2

**Campus:** Ashmore

**Career Outcomes:** Landscape Contractor, Manager in parks, gardens, resorts and nursery management. Graduates are eligible for professional membership of the Australian Institute of Horticulture. This trade qualification is required for BSA licence.



“...become constructive masterminds, harnessing logic, design and meaning to produce quality, aesthetic and attractive creations...”