

# Design Technology and Graphics - Architecture A/T

## About Architecture

Architecture is a stream of the Design Technology and Graphics course for students who are interested in Architecture and building design.

### Course Patterns

The course is structured sequentially for either major or minor study. Architecture may be studied as a major under the Design Technology and Graphics course, although there is flexibility to study a variety of units within the Design Technology and Graphics course to complete a major: Architecture units, Interior Design, Industrial Design or CAD Industrial Design.

A double major may be studied by enrolling in two units simultaneously in Architecture and/or Industrial Design.

Students should begin the Architecture stream of the Design Technology and Graphics course with the unit Architecture Foundation.

### Units

Architecture Foundation (Beginning)  
Architecture Applications (Continuing)  
Architecture Advanced (Continuing)  
Architecture: Major Project (Continuing)

### You can also study...

Industrial Design

### What jobs can this lead to?

Architecture  
Engineering  
Industrial Design  
Interior Design  
Digital 3D modeling  
Graphic Design  
Landscape Architecture  
Furniture Design

## Unit Descriptions

All units described are semester-length (value 1.0).

### Architecture Foundation

The design process is introduced and applied to project briefs, along with the use of a Design Folio for work presentation. Architectural principles are applied to the design and/or problem solving process in the production of a range of tasks. Students will be asked to demonstrate the ability to communicate architectural ideas and concepts in a variety of ways such as oral, written, visual and three dimensional presentations. Students with no previous technical drawing or art experience will be catered for.

### Architecture Applications (continuing)

Students will be involved in the production of solutions to larger design or building problems. They will be asked to demonstrate knowledge of how architect-

trends in relation to design of towns and buildings, articulate an ethical stance in relation to an issue of sustainability through the design of a built environment or building, and demonstrate a developed awareness of emerging technologies resulting from changing climate in the design of the built environment.

### Architecture: Major Project (continuing)

Students will be asked to demonstrate the ability to manage the creation of a set of architectural design drawings and models from conception to resolution, an accomplished ability to record and communicate the project management process, to foster appropriate industry links, and to present final products to an audience/client.



tural design impacts society and the environment, to make informed choices about personal, professional and vocational pathways, and to articulate an ethical stance in relation to an issue of sustainability through the design of a built environment or building.

### Architecture Advanced (continuing)

Town planning principles are applied in the design and production of solutions to larger urban design problems. Students will be asked to develop a further understanding of town planning and architectural terminology and language, social

