KINGSCLIFF HIGH SCHOOL
Subject Selection Information

KINGSCLIFF HIGH SCHOOL

ACHIEVEMENT THROUGH ENDEAVOUR

Faculty:

Industrial Arts & Computing Studies

Subject: Design and Technology

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Classification of the Course:

Category A

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Nature of the Course

The Design and Technology course has a unique focus on creativity, innovation and the successful implementation of innovative ideas. Students learn about the work of designers and design and manufacturing.

The course is also focused on building skills in design, management and production through practical applications. Students will develop practical skills and knowledge in the preliminary course to be able to design and make a major project and accompanying design folio in the HSC course. Students will apply vital time management, budgeting, research, planning and production skills.

In the HSC course students have the opportunity to design a major project from any medium, provided it fits into the category of a product, a system or environment.

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Nature of the Course

The Preliminary course includes:

- Designing and Producing - practical skills and factors affecting design
- Two design projects

The HSC course includes:

- Innovation and Emerging Technologies (Case Study)
- Designing and Producing (Major Project)
  - project proposal and project management
  - project development and realisation
  - project evaluation

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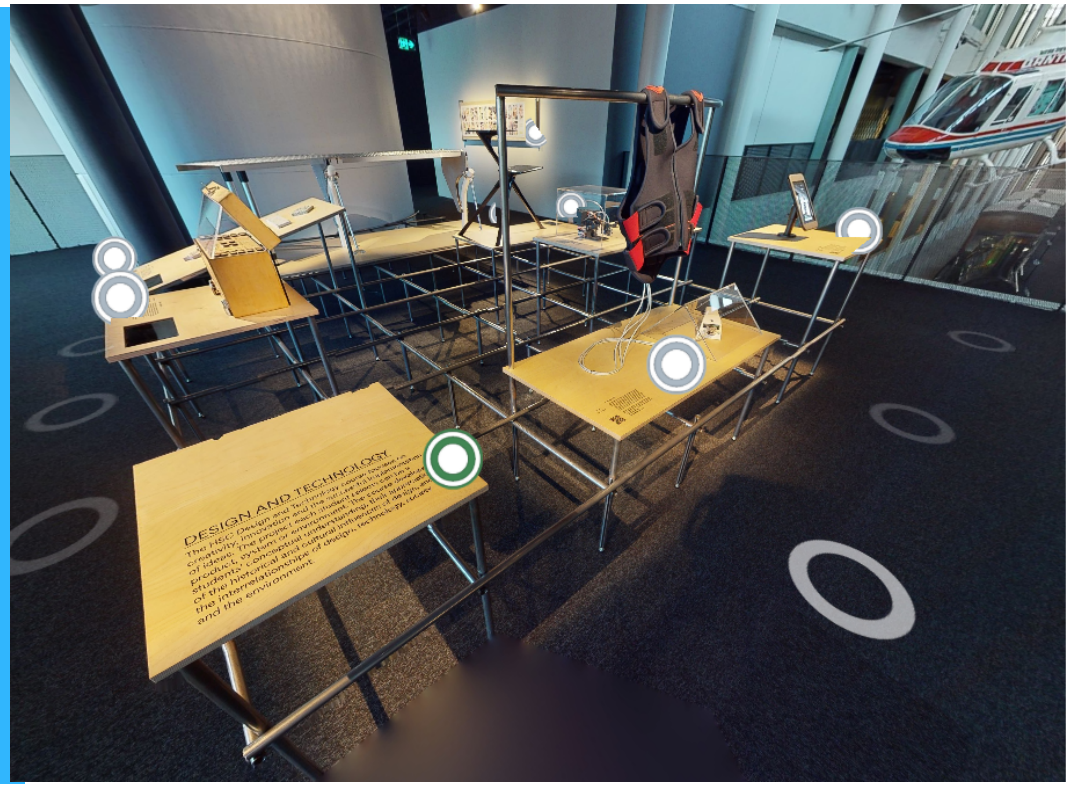
Nature of the Course

HSC Marking:

- 60% External Project Mark
- 40% HSC Exam

HSC Project Categories:

- Product
- System
- Environment



Click on the image to go to the SHAPE 2021 Exhibition (Top D&T Projects)

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HSC Exam: Yes

Length of Exam: 3 hours

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Internal Assessment Structure

Preliminary Assessment

2 x Design Projects and Design Folios
Yearly Exam

HSC Assessment

Major Design Project Folio Planning
Innovation Case Study
Major Project Progress Mark
Trial HSC Exam

Shape 2021 Student Portfolios – Design and Technology

Click on the image to go to the SHAPE 2021 Exhibition (Top Sample Folios)

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Elective fees for the Course:

Preliminary Course - $50
HSC Course - $25

Please note that students will pay for their own materials to make their major project in the HSC course. The $25 will cover basic consumables such as glues, nails and screws.

Students who choose this subject are expected to pay the subject contribution fee to cover resource expenses.

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Skills Required for this subject and/or any Prerequisites:

- Students will produce a major project and design folio that requires the management of time, a budget and resources.
- Students will develop skills in drawing and communicating design ideas and plans.
- Students do not need to have studied a practical subject in Year 9 and 10 to participate in this course. Projects are a product, system or environment. This means that projects could be as vast as computer application, a plan for a room design, a toolbox or even a water saving system.

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Career Opportunities

This course caters for students who wish to undertake further study in a related area at university level (Category A Subject – counts towards University entrance). It is also suited to students who wish to pursue work in a trade.

Through the production of a major project in the HSC course, students learn vital skills in time management, budgeting, research, planning and production. Students also learn about the work of designers.

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Career Opportunities

Design and Technology will help students develop skills that can be applied in a variety of careers. Examples of career paths could include:

University Level:

- Industrial Design
- Graphic Design
- Interior Design
- Architectural Design

Trade Level:

- Trade Apprenticeship