Which subjects does Design & Technology work with?

- Visual Arts

- Industrial Technology - Multimedia/Timber

- Computing courses

- Engineering Studies

- Mathematics

- Photography

- Textiles

- Physics

- Music.

When undertaking courses with Major projects, advice should be sought to ensure a practical workload can be achieved. Teachers at the college have the experience to guide students in this decision making, just ask.

Career Opportunities

The skills and experiences developed in this course are suitable for many career paths including; Architecture, Engineering, Interior Design, Product Design, Digital Design and many more.

Today's workplace values the ability to solve problems, manage projects, communication and be flexible. All of these attributes are encouraged and enhanced through this course.

Try it for yourself.

"Design is thinking made visual."
- Saul Bass

Design & Technology

YEAR 11 & YEAR 12 COURSES

COFFS HARBOUR
SENIOR COLLEGE

1.

Why do Design and Technology?

You learn about Design and Technology by spending time investigating and responding to an identified need or opportunity.

These needs and opportunities can be in the form of a Product, System or Environment.

- Work with a real need and/or opportunity.
- Create a solution to something you are passionate about.
- Have a real client and/ or end-user.
- Incorporate an emerging technology or innovation.
- Take into account the impacts on the environment and society.
- Use taught skills to design and create a unique major project.
- Challenge yourself and discover your potential.

2.

Year 11 Course

The Year 11 course is 120 indicative hours and will work on a range of design projects. The projects will develop skills and knowledge to be further developed in the Year 12 course.

Each project will place emphasis on the development of different skills and knowledge in designing and producing. Different materials, tools and techniques are required to solve each problem, allowing you to experiment and develop your experiences. You also look at the different aspects of design, research and marketing a product.

A research task on designers who have impacted the way we live today will also be undertaken. This encourages an appreciation of design and better understanding of how it has evolved through the years.

3.

Year 12 Course

The Year 12 course is 120 indicative hours and includes the development and realisation of the major design project, a case study of an innovation and other teaching and learning activities.

The comprehensive study of design and the processes of designing and producing that were studied in the Year 11 course are synthesised and applied.

The Major project contributes 60% of the HSC mark, the remaining 40% comes from a written HSC Examination.

The project is of the student's choice and the scope is almost limitless. We have seen projects in all areas of products, systems and environments.