

Textiles Technology

What is this subject about?

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What do all of the images above have in common? - Textiles and Design

Textiles Technology relates to the clothes and fashions we wear, our home interiors and environments, theatre and the arts. Textiles have played a significant role throughout human history in commercial, industrial and personal settings. Students will investigate and compare today's fashions with those of the past. They will delve into the world of costume, explore innovative and creative techniques for textile arts and design. Students will learn about fibres and how to analyse their end use. The elements of design are explored and applied to creative ideas and student projects. The influence that the textile industry has on technology is also investigated.

Textiles Technology offers hands on experience where students design, produce and evaluate textile items. This course encourages students to be creative, productive, organised, responsible and reflective learners. There are many university and TAFE courses that can lead to a wide variety of careers. Examples of career paths include fashion and textile designers, costume designers, interior designers, textile engineers, milliners and footwear designers.

Students will design and create from at least four of the following focus areas: **Apparel, Costume, Furnishings, Non-apparel and Textile Arts.**

Students will follow flexible design briefs to build upon their skills, knowledge and interests.

Why study this subject?

Students who have an interest in the fashion and textile design industry, costume design, the textile arts or interior design will find many areas of enjoyment in this subject. Furthermore, students who love to be creative using textile mediums will have a chance to explore this creativity in an engaging way. This includes students learning to use cutting edge technologies such as a laser cutter and digital printing as they apply to textiles.

Students will:

- develop knowledge and understanding of the properties and performance of textiles, textile design, and the significant role of textiles in society.
- focus on the production of practical projects as a basis for learning about textiles using a design, produce and evaluate process.
- develop skills in the critical selection and creative use of textiles for a broad range of quality applications.

There is an emphasis on the documentation of processes to show the development of project work.

Learning experiences

Practical Tasks – students will work through a number of practical tasks; follow an integrated design and theory approach, in addition to creating and evaluating a range of textile projects. Different cultures, historical studies and other sources are researched for ideas that are then translated into products by the students. Textile projects will give students the opportunity to be creative and independent learners. They will also explore functional and aesthetic aspects of textiles and demonstrate responsibility in decision-making.

Some areas studied include:

- **Performance Properties** – A broad knowledge is gained of the properties, performance and use of textiles and the colouration, yarns and fibres of textiles are explored. The knowledge gained is used in project creation.
- **Illustration Skills** – A variety of graphic illustrations are developed in class so that design ideas are creatively communicated using a range of illustration methods.
- **Experimentation** – Construction skills and fabric decoration methods are experienced, interpreted and selected by the students for their designs. The process is documented in a design folio.
- **Textile Consumers** – Students will develop an appreciation of the factors affecting them as textile consumers.
- **Textile Designers** – Students investigate designers and are challenged to transfer knowledge to new situations and projects, building on technical skills and past experiences.

No prior textile experience is required for this course. All students are taught to use the equipment they need for their projects. Students who enter the course with substantial skills in textile technology are given work appropriate to their advanced ability. All ability levels are catered for in this course.

There is no requirement for a household to own a sewing machine when a student undertakes this course. The majority of work is completed in the classroom.