

School administrators and Heads of Learning Area – Materials Design and Technology and teachers of Materials Design and Technology General Year 12 are requested to note for 2025 the following minor syllabus changes. The syllabus is labelled ‘For teaching from 2025’.

Materials Design and Technology | General Year 12 | Summary of minor syllabus changes for 2025

The content identified by ~~strike through~~ has been deleted from the syllabus and the content identified in *italics* has been revised in the syllabus for teaching from 2025.

Organisation of content

Common Content

The wood, metal and textiles learning contexts in the Materials Design and Technology General course have common content in:

- Design fundamentals and skills
- Skills and techniques
 - information and communication technology (ICT)
 - drawing
- Safety
- Production management.

Students may use any material as a means through which they may approach the course content, or teachers may choose to restrict the choice.

They will explore ways to use the nature and properties of the materials towards the completion of a product.

In design fundamentals and skills, students learn about the elements and principles of design while developing a common understanding of the design process and variations that can apply to design tasks during the design cycle.

As student safety is a high priority in all activities, a common understanding of safe working practices, risk management and an awareness of ~~occupational safety and health (OSH)~~ *work health and safety* standards is achieved in each unit through coverage of common content under the safety heading.

Safety

Knowledge and information related to working safely is critical in any technology context. It is important to exercise a duty of care and to operate in a safe and responsible manner, including the application of ~~occupational safety and health~~ *work health and safety* legislation and codes of practice. There are safety issues related to the handling and manipulation of materials, for example, safety data information, materials handling and storage practice, and specific tool and machinery operation safety requirements. Risks have to be identified, assessed and managed.

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Unit 3

Common content

Safety

- ~~occupational safety and health (OSH)~~ *work health and safety* practices appropriate to tasks being undertaken in workshops

Unit 4

Common content

Safety

- demonstrate ~~occupational safety and health~~ *work health and safety* practices appropriate to tasks being undertaken in workshops