

School administrators and Heads of Learning Area – Materials Design and Technology and teachers of Materials Design and Technology General Year 11 are requested to note for 2024 the following minor syllabus changes. The syllabus is labelled 'For teaching from 2024'.

Materials Design and Technology | General Year 11 | Summary of minor syllabus changes for 2024

The content identified by ~~strikethrough~~ has been deleted from the syllabus and the content identified in *italics* has been revised in the syllabus for teaching from 2024.

Organisation of content

Use of Technology

Production management

Various skills are required to successfully manage the production process. ~~Performance must be evaluated throughout.~~ Environmental factors, including management and reduction of waste and energy efficiencies must be considered. Project management of ~~time,~~ tasks and materials management, as well as task modification and ~~record-keeping,~~ are employed throughout the production process. Therefore, management skills, principles of quality assurance, ongoing evaluation, and testing are all important factors in ensuring quality outcomes. Communication skills are also important. Working collaboratively with team members, ~~maintaining work schedules and time plans,~~ and producing various oral and written communications are all important aspects of the production process.

Unit 1

Common content

Design

Design fundamentals and skills

- devise
 - elements of design
 - ◊ ~~tone~~
 - production planning
 - full materials list
 - full materials costing
 - production plan, ~~including time line~~

Use of technology

Skills and techniques

- ICT, portfolio development and communication skills
 - photography – ~~ongoing record of progress and processes used and~~ *of the features of the final product*
 - documenting presentations and evaluations

Production management

- production plan
 - ~~maintain a production plan~~
 - ~~maintain time management while~~ using tools, equipment and machinery to complete production
 - follow instructions from plans
 - maintain safety requirements
 - record changes to materials lists or costing

- ~~▪ record regular journal/diary entries~~
- ongoing evaluation techniques: ~~diary, journal or portfolio notes and use of photography to record~~ changes made to the project

Unit 2

Common content

Design

Design fundamentals and skills

- devise
 - production planning:
 - full materials list
 - full materials costing
 - production plan, ~~including time line~~
- evaluate
 - ~~▪ production plan, journal or diary with supporting images~~
 - finished product against design brief, initial design and student-generated performance criteria

Use of technology

Production management

- production plan
 - ~~▪ maintain a production plan~~
 - ~~maintain time management while~~ using tools, equipment and machinery to complete production
 - adhere to sequential instructions
 - apply safety and risk management
 - record changes to materials lists or costing
 - ~~▪ record regular journal/diary entries~~
- use ongoing evaluation techniques: ~~diary, journal or portfolio notes and use of photography to record ongoing progress/decision changes made to the project~~

Textiles context content

Materials

Nature and properties of materials

- identify the following for one synthetic fibre – polyester, nylon ~~or acrylic~~
 - classification
 - origin
 - fabric ~~names~~ ~~and fabric blends~~
 - environmental impacts of manufacture
 - care
- ~~• fabric structures~~
 - ~~▪ woven – warp, weft, selvedge~~
 - ~~▪ knitted – course, wale~~
 - ~~▪ non-woven – felt, web~~
- fabric ~~structures~~ types and classifications

- woven – plain, satin, twill
- knit – warp, weft
- non-woven – felt, interfacings

Assessment table Year 11

Design

journal

Production

journal

Appendix 1 – Grade descriptions Year 11

A – Production

Provides documentary evidence of ~~ongoing evaluation of processes, and~~ changes and/or modifications implemented resulting from ~~this ongoing~~ evaluation.

B – Production

~~Provides evidence of ongoing evaluation of processes and,~~ w With assistance, implements changes and modifications derived from ~~this ongoing~~ evaluation.

C – Production

~~Provides evidence of ongoing evaluation of processes.~~ Requires guidance and assistance to implement changes and modifications derived from ~~this ongoing~~ evaluation.

D – Production

~~Provides no documentary evidence of ongoing evaluation of processes.~~