**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,~~ task*s* 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* ~~s 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.~~