

## PRODUCT & SPATIAL DESIGN (DVC) – NCEA L1

### Course Outline 2022

|   |  |              |                   |                |
|---|--|--------------|-------------------|----------------|
| Head of Subject: Emma Beech   |  |              |                   |                |
| <b>Entry criteria:</b> There are no prerequisites for entry into Level 1 however a high level of visual literacy is expected, and it is desirable for you to have competency with using Digital Technologies. |  |              |                   |                |
| <b>Programme Description</b>  | <p><b>You will learn:</b> Students can achieve 19 credits towards NCEA Level 1 and have the ability to gain an endorsement of Merit or Excellence in the subject. This is a challenging, design-focused course, with creative elements. It has a clear pathway through to Scholarship in Y13 and would suit any student interested in a Design focused career, such as Product design, Architecture or Design Engineering.</p> <p><b>Product &amp; Spatial Design</b> requires students to solve real life problems and communicate these solutions, visually. The course is structured around a number of major projects lasting many weeks. Project management skills are critical to the course, as students are required to present substantial completed projects, to a deadline. Students submit a portfolio of evidence at the end of the course. This represents a selection of their exemplar project work and is sent for external assessment.</p> <p><b>CAD</b> (Computer Aided Design) related skills will be an integral aspect of the course, aiding the development and the presentation of final design solutions.</p> |              |                   |                |
| <b>AS No.</b>   | <b>Descriptor</b>  | <b>Level</b> | <b>Assessment</b> | <b>Credits</b> |
| 91067   | Use the work of an influential designer to inform design ideas   | 1            | Internal          | 3              |
| 91068   | Undertake development of design ideas through graphics practice  | 1            | Internal          | 6              |
| 91066   | Use rendering techniques to communicate the form of design ideas   | 1            | Internal          | 3              |
| 91069   | Promote an organized body of work to an audience using visual communication techniques   | 1            | Internal          | 4              |
| 91063   | Produce freehand sketches that communicate design ideas  | 1            | External          | 3              |
| <b>Where does this course lead:</b><br>This course leads onto Level 2 Design and Visual Communication   |  |              |                   |                |