Integrated Learning
(3D Print and Make)

Level: Stage 1

Course length: 1 semester

Credit value: 10 Credits

Advice to students
No background knowledge is required.
Desire to explore and experiment with 3D form for creating designs and solutions to everyday needs. Previous experience with 3D programs (Google Sketch-up, Blender, Maya, Inventor) will assist.

Course overview
This is a school-developed program giving students an opportunity to meet the SACE requirements through researching, experimenting and creating small 3D forms. This will require using CAD software and a 3D printer (amongst other tools). You will come to understand how tools work and explore their advantages and disadvantages. Activities may include involvement in College events as a focus for planning, organising and participating in Exhibitions and creating shelf-ready products.

The course has a focus on skill development and creative thinking to aid students in developing research, organisational and reflection skills.

Assessment
- Practical 40%

Teacher observation, self-assessment and reflective evaluation on a series of small tasks demonstrating the use of various tools.

- Group activity 30%

One group project based on planning, organising and participating in an exhibition/stall at MSC.

- Folio and Discussion 30%

Develop a folio to support their learning, discussion between teacher and student to support the Small Object Production (Investigate, Plan and Produce) along with any distribution or future production plans.

Pathways
This subject is a desirable preparation for SACE Stage 2 Digital Media, Visual Arts – Design and Creative Arts – Design.