

College of Practical Design

Handcraft Design -12HAN

NCEA Level 2

National Certificate in Design (Introductory Skills) Level 2

Course content will be delivered through students designing and making a range of projects and developing products. At Year 12, students will explore their existing skills and learn new skills by using materials and techniques in a wide range of combinations.

Topics include:

Design Techniques
Design Elements
The Design Process
Sketching and Drawing Skills

Content may include any of the following:

Jewellery

Making jewellery projects while experiencing techniques such as cuttle bone casting, copper repousse, and glasscrafts.

Woodworking

Timber construction, hand and power tool use and processes, finishing techniques, delivered through a range of useful projects.

Metalcrafts

Metal working processes that may include wire work, copper beating, forging and steelwork to make personalised projects.

Glasscrafts

Working with glass to realise personalised projects including Tiffany, glass paint, fusing, slumping and sand blasting.

Plastics

Projects utilising vacuum forming on self-made moulds. Working with acrylic sheet.

Leatherwork

Leather carving and craft techniques. Small upholstery projects.

Mosaics

Glass and/or ceramic tile projects in 2D and 3D formats.

Credits: 30 Internal.

Entry Requirements: Year 11 Handcraft Design or interview.

Materials Fee:\$100

Creative Woodwork - 11WWC

NCEA Level 1

Creative woodwork is an introductory course in basic woodworking skills and techniques. A series of set woodworking projects build students' knowledge of carpentry and wood working skills. Projects slowly build from the very simple focusing on handtools, to more involved and substantial projects involving design, machine use and advanced construction methods.

Creative Woodwork

Topics include:

Safe working practices, workshop, hand-tool and machine safety, measuring and marking, use of hand tools, construction methods and techniques, assembly, finishing, following instructions and reading drawings, machine usage, design and drawing skills, materials knowledge, hardware, mathematics skills for design, cutting and costings lists.

Credits: 30 Internal.

Entry Requirements: Nil.

Materials Fee: \$120

Woodwork Advanced -12WWA

NCEA Level 2

National Certificate in Design (Introductory Skills) Level 2

Make and take home your own projects while extending any previous experience in use of timber, woodworking skills and carpentry process and techniques. Content is delivered through design and construction of students' own projects.

Woodwork Advanced Topics:

Safe working practices, workshop, hand tool and machine safety. Production of your own projects at your own pace.

Credits: 30 Internal.

Entry Requirements:

Creative Woodwork - 11WWC completed or similar experience.

Materials Fee: \$80

Does not include timber costs.

Jewellery Design

12JEW - NCEA Level 2

National Certificate in Design (Introductory Skills) Level 2

Two Full Days 8.40am to 5.00pm

The course offers a grounding in basic techniques in jewellery design and construction. 16 hours per week.

Workshop Craft

14 hours tuition. An introduction to a wide range of practical metalcraft processes. Forming and casting, soldering and riveting, decorative techniques, stone setting.

Drawing and Design

Basic drawing skills, design process. Presentation drawing and rendering with colour. Presentation photography.

Credits: 11 Internal.

Entry Requirements: Interview and suitable experience/background.

Materials Fee: \$210

Does not include precious metals cost.

11/12 Practical Skills for Trades

11PST - Package Course - suitable for Year 12 students who wish to gain Level 2 credits

This 4 hour course forms an 8 hour package course with Trade Science. See Packaged Courses page 7. This course introduces skills used in a variety of building trades and provides a wide pre-specialist grounding. The National Certificate in Building, Construction and Allied Trade Skills (Level 1) leads into the National Certificate in Building, Construction and Allied Trades Skills (Advanced Level 2).

Topics include:

Communication
Quality Standards
Workshop Procedures
Freehand Sketching
Job Specifications
Health and Safety
Materials Knowledge including timber, metal, plastics, glass and rubber
Construction Materials Knowledge
Hand Tools
Power Tools
Fixed Machinery
Manufacturing

- Basic Construction Equipment
- Garden Furniture

Qualifications: NCEA Level 1 and National Certificate in Building, Construction and Allied Trades Skills (Level 1).

Credits Available: 31 Internal.

Entry Requirements: Interview.

Materials Fee: \$120

