



Laser Cutting for Design short course



Fee: \$200 (+GST)

*Fees are approximate, subject to change and exchange rates

Location Dunedin - Otago Polytechnic School of Design; H312; Level 3; H Block.
Duration Two days, 9.00am-4.00pm
Delivery On campus

Start Fri 19 & Sat 20 July 2019
Apply anytime

Gain an introduction to the latest laser cutting technology and materials.

Enjoy the opportunity to create your own 2D and 3D designed object(s) in a range of materials including wood, cardboard & plastic. The basic 2D and 3D modelling and design software knowledge learned in this course can be transferred to other technologies.

Content

At the completion of the course, you will be able to:

1. Use CAD software to create vector files for laser or CNC applications.
2. Understand the difference between raster and vector files and their applications.
3. Create and safely output a designed object that utilises laser cutting technology.

Indicative content:

- > Introduction to the computer software capable of creating or converting vector files.
- > Designing basic 2D/3D objects for laser cutting and/or laser etching.
- > Health and safety requirements for laser cutting.
- > Laser cutting a designed object.

Entry requirements

- > Basic computer skills.
- > Enthusiasm and curiosity around learning new skills.

Materials

Basic materials supplied. Please bring a drawing pad, pens, pencils and a USB stick.

Tutors

Hannah Joynt - Lecturer School of Design

Location

Otago Polytechnic
Cnr Forth and Union Streets
Dunedin

School of Design; H312; Level 3; H Block.

For more information

Email TracyK@op.ac.nz or PamH@op.ac.nz

Freephone 0800 762 786

To enrol

Please complete the short course enrolment form. You will need to register and pay for this workshop in advance at our Dunedin campus.

Please note: Enrolment in this course is conditional upon and subject to sufficient numbers of students enrolling in the course.

Disclaimer

While every effort is made to ensure that this sheet is accurate, Otago Polytechnic reserves the right to amend, alter or withdraw any of the contained information. The fees shown in this document are indicative ONLY. Both domestic and international fees are subject to change and are dependent on the development and implementation of Government policies. Please note that additional fees may from time to time be required for external examination, NZQA fees and/or additional material fees.

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