

# DDSP 2024

## Diploma in Design and Specification of Plastics

INTRO



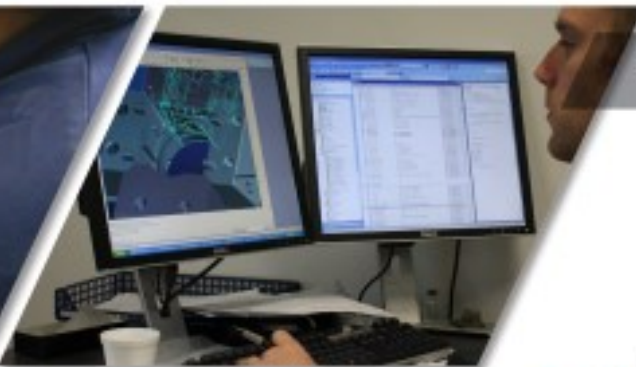
POLYMERS



PROCESSING



DESIGN



**CHRISTCHURCH**

# DDSP PROCESSING

Become more effective in your technical plastics or design role. In this module develop an advanced understanding of how various polymers behave during processing and how this impacts final part quality. Learn how additives and colourants are manufactured and how these can aid or impact processing and part performance.

- Objectives..
- Understand the impact of additives on processing.
  - Understand the thermoplastics polymer melting process.
  - Learn the basics of extrusion, injection moulding and silicon moulding.
  - Learn about the different types of additives and their uses.
  - Explore how processing impacts polymer morphology and part performance.
  - Examine the heat transfer process for thermoplastics.
  - Explore how material mixing, dosing and drying impact processing and performance.
  - Learn how thermoset polymers are processed.

Date..... Semester 2: Tuesday 22nd – Wednesday 23rd October 2024, 9:00am – 4.30pm

**PLEASE NOTE: Minimum Numbers are required for this course to proceed**

Venue..... The Meeting Place, 1 Bolt Place, Christchurch Airport, Christchurch  
(off Ron Guthrey Road and across the road from FedEx)

Audience ... This module is suitable for those in plastics design, operational, production or technical sales roles within the plastics industry or those who specify the use of plastics materials

## REGISTRATION

**Semester 2 2024**

**Costs are GST Exclusive**

DDSP Processing: ..... Tues 22nd – Wed 23rd October 2024..\$799 Members/\$985 Non-Members

Name(s).....

Company .....

Address.....

Phone.....Email .....

Special dietary requirements:.....

Total amount paid \$ ..... (If paying by credit card please add an additional 3%)

Credit Plastics NZ bank account: ANZ. Auckland 01 1839 0035879 00

Visa  Mastercard  Cheque enclosed  Company invoice

Name on card .....Number on card .....

Expiry date ...../..... Signature .....

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