

Aquafeed & Petfood Extrusion Technology

CHILE | 21 - 23 October 2024

This short course is presented by Dennis Forte & Associates in conjunction with
The Faculty of Natural Resources, Catholic University of Temuco, Chile.

Overview

This course will be presented in English, with simultaneous translation into Spanish.

This 3-day course covers the principles of extrusion and the design of extrusion processes for aquatic feeds, as well as how the formulation interacts with the extrusion process. Principles learned will be demonstrated through an exercise run on a pilot extruder.

The program provides a good background in general extrusion technology, but is specifically directed at aquafeed extrusion. The course is relevant to both single and twin screw extrusion technology.

Course Content

The course will cover topics from the basics of extruders and their configuration, through what is happening chemically and physically inside the extruder barrel, to an understanding of extruder dies and extruder instability.

Topics covered include –

- › Principles of extruder configurations (single & twin screw)
- › Role of rheology in extrusion
- › Die types & effects, die design
- › Extrusion chemistry, recipe design
- › Product density control
- › Preconditioning for Extrusion
- › Causes & effects of extruder instability
- › Screw, barrel & die-plate wear
- › Extrusion troubleshooting

Examples in product formulation and the design of extrusion processes will be included to demonstrate application of the theory. Principles learned will be applied during the practical demonstration on Day 2. Important aspects of peripheral systems (eg raw materials pre-processing, preconditioning) are also covered.

Course Presenter

Mr Dennis Forte is a chemical engineer with extensive experience in extrusion processing and die design, including aquafeed production. Dennis has worked with a wide variety of companies and extruded products.

Course Enquiries

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Venue

UC Temuco Continuing Education Centre
Avenue Rudecindo Ortega 02351
Temuco, Chile

Tea/ coffee will be available from 9:00am on the first day, ready for the program to start at 9:15am. Presentations will conclude by 5:15pm on the final day.

Sponsored by



Registration Fee

CLP980,000 per person

Registration fees are set in Chilean Peso and will vary when converted to other currencies according to fluctuations in exchange rates.

A **10% discount** applies for registrations received by **6 September 2024** and paid within 14 days.

An **additional 10%** discount applies for those attending consecutive courses.

An **additional 5%** discount applies for three or more course registrations received together from the same company.

Discounted fees apply for PhD students and non-profit research organisations - see [course webpage](#) for details.

Registration fee includes hand out notes directly related to the presentations, as well as lunches, morning & afternoon refreshments.

REGISTRATIONS CLOSE 4 October 2024

Please register early - we reserve the right to cancel the program if insufficient registrations are received.

All payments must be received by 16 October 2024

Register online via the [course webpage](#) or send participant details (name, company, address, email, ph) to mjephcott02@gmail.com

Books Published by the Course Presenter

Available to course participants at 20% discount to list price, or order online from fie.com.au/books or major booksellers.



[Full Planned Program available from course webpage](#)

