

Food & Feed Drying Technology

CHILE | 24 - 25 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.

Drying is one of the most common operations in food and feed production. It is used across virtually every sector/commodity. It is critical to the quality and/ or functionality of many products, and it is one of our most energy-intensive process operations. Yet it is often poorly understood and inefficient.

This short course in Drying Technology combines the practical perspective of experienced industry professionals with the in-depth technical knowledge of drying processes.

Course Content

The course will start by explaining water activity in products, and how it relates to both the quality/preservation of the product and the efficiency of the drying process. We will then go on to the basics of drying theory and how this theory relates to practical application. Different types of drying systems will be explained. Principles of psychrometrics will be combined with heat & mass balance techniques to analyse and design drying processes, demonstrated using practical examples.

On Day 2, more advanced drying concepts will be explained, using practical examples to demonstrate how drying curves can be modeled and predicted based on real data. Quality issues in dried products will also be discussed in more detail, and a case study presented to show how existing drying processes can be improved.

The program will finish with a series of case studies about different drying technologies. This course is about understanding the drying technologies used commonly across the food and feed industries - and how we can use that understanding to improve current processes and products, or design/select new systems that are both effective and efficient.

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 5:00pm on the final day.



Registration Fee

CLP650,000 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.

