

# 3-Day Practical Course in Thermal Processing for the Food Industry

**Dates:** 26–28 May 2026; **Location:** Food Processing Centre, University of Reading

## Course Overview

Join our intensive three-day training designed to give you a comprehensive understanding of thermal processing technologies—both continuous (pasteurisation and UHT) and in-container (retort) systems.

- Day 1: Core theory—heat transfer, microbial inactivation, process design—plus a guided tour of our pilot plant.
- Days 2 & 3: Hands-on practical sessions operating pilot-scale equipment for continuous and batch processing.

This course bridges scientific principles with real-world applications, ensuring product safety, quality, and regulatory compliance.

## Who Should Attend

Professionals, researchers, and technical staff working in food manufacturing, product development, or quality assurance who wish to strengthen their understanding of thermal processing operations.

## Expert Trainers

- **Mike Lewis** – 40 years' experience in heat treatment pilot plants; global workshops; co-authoring a book on milk thermal processing.
- **Brendan Charles** – 32 years in the food industry; specialist in in-pack thermal processing and retort optimisation; Lean Six Sigma Black Belt.
- **Dr. Sameer Khalil Ghawi** – Over 20 years in food processing; expert in process optimisation and bridging research with industrial practice.

## Course Details:

**Organised by:** Food Processing Centre (FPC)

**Format:** 3 Days (Blended Theory and Practical)

**Delivery Mode:** In-person at FPC Pilot Plant & Seminar Room

**Capacity:** Limited to 16 participants for an interactive experience

## Course Fee:

- £1,600 – Participants from established companies
- £1,200 – Participants from academic institutions and start-ups. **Limited spaces available**  
(Fee includes all course materials, refreshments, PPE, and a certificate of completion.)

## Contact Person

Sameer Khalil Ghawi: Food Processing Centre Manager

Tel: 44 (0)118 378 6515

[s.khalilghawi@reading.ac.uk](mailto:s.khalilghawi@reading.ac.uk)

