



Thermal Process Establishment Course

October 27-30, 2026 | New Orleans, LA

TechniCAL's "Thermal Processing Establishment Course" presents the theory and application of principles and data collection techniques for use in determining thermal processes for the commercial sterilization of foods.

Join us In New Orleans

The course is held at the Residence Inn New Orleans. Take advantage of the proximity to the historic French Quarter while you're here! You will receive a discounted rate of \$189 upon registration.

Learn from the Best



Learn from the leading Process Authority, with hundreds of years of combined industry experience. Enjoy direct access to all instructors.

Process Foundation



Learn thermal processing regulations, basic food microbiology, lethality, and commercial sterility. Review different retort systems design and operation.

Hands-on Workshops



Use actual heat penetration & temperature distribution files, evaluate data using Ball Formula, establish a process schedule, evaluate process deviations.

Registration & Agenda

The fee for this 4-day course is \$3,990, which includes lunch and refreshments each day. You can register online at tcal.com/registration/thermal-processing-course-registration or use the QR code.



Tuesday

- Basic food microbiology
- Lethality (D, Z, & F values)
- Regulatory overview
- Retort systems

Wednesday

- Heat penetration
- Calculation overview
 - General method
 - Ball formula
- Regulatory overview
- Retort systems

Thursday

- Temperature distribution
- Hands-on evaluation of TD data w/CALSoft software

Friday

- FDA process filing
- Recordkeeping
- Spoilage overview
- Deviation workshop
- Industry case studies