

Registration

Course Fee: (includes 5% Goods & Services Tax) \$2195

The course fee includes: Textbook and handouts; All refreshment breaks and lunches.

Payable by: check, international money order, Visa, Mastercard or American Express (fax 519 824 6642 or mail) to:

Britt and Associates
102 Harvard Rd.
Guelph, ON N1G 2Z2

***Thermal Processing:
Principles and Practices in
Food Preservation***

Twenty-First Annual Workshop

Name _____

Title _____

Firm _____

Address _____

City/State/Zip _____

Phone _____ Fax _____

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Credit Card _____ Expiry _____

Cardholder _____ Signature _____

**May 13-16, 2008
Holiday Inn Guelph
Guelph, Ontario**

Britt and Associates

Course Topics

Microbiology

- Food spoilage organisms
- Thermal effects on cells and spores
- Kinetics of microbial death in moist heat

Developing Processes

- Analysis of heating and cooling curves
- Process lethality
- General method calculations
- Ball's formula method—simple and broken heating
- Pasteurization process calculations
- Quality attribute calculations
- Process deviations
- Processing plastics

Processing Principles

- Heat transfer fundamentals
- Still and agitated retort systems
- Temperature measurement principles
- Temperature distribution and stability
- Heat penetration principles
- Heat transfer and lethality distribution

Tutorial Sessions

- Thermobacteriology
- Heating and cooling curves
- General method applications
- Ball's formula method
- Resolution of process deviations

Applications

- Temperature measurement practices
- Calibration procedures
- Temperature distribution measurements
- Heat penetration measurements
- Heat transfer distribution
- Overpressure processing

Location and Hotel Accommodation

The course will be held at the Holiday Inn Guelph, 610 Scottsdale Drive, Guelph Ontario. The hotel has quoted a room rate of \$134. Please make your room reservations directly with the hotel (519 836 0231). Guelph is approximately 70 km (45 miles) from Toronto's Pearson International Airport, and airport transportation may be arranged through Red Car Service, www.redcarservice.com, or phone 519 824 9344.; fare at time of printing was \$64 CDN (major credit cards accepted).

We will start at 8:00 Tuesday morning and finish at noon on Friday.

Reference Materials

Included with your registration fee:

- *Textbook for an Introductory Course in the Microbiology and Engineering of Sterilization Processes* by Irving J. Pflug
 - Lecture notes and papers from scientific and technical journals
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For more information, please contact:

Britt and Associates

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