

Level I Infrared Training

This course is designed to help you become proficient in the basic use and practical application of an infrared camera. It is ideal for both the prospective and active user.

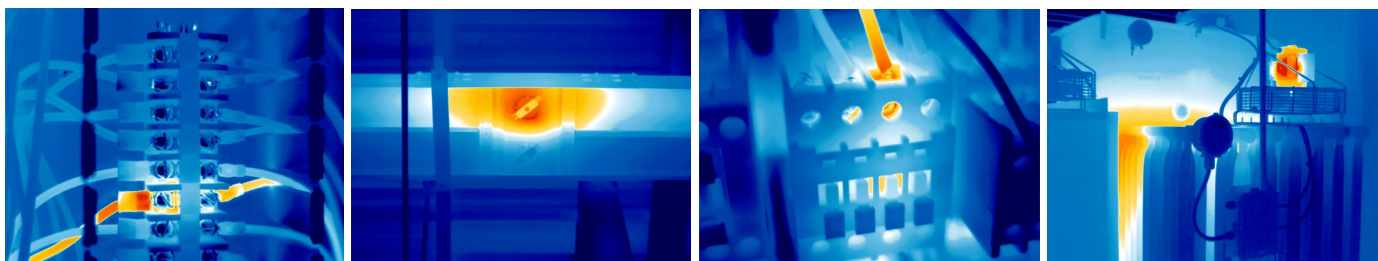
Infrared Technologies is sponsoring this class in Louisville, Kentucky to provide our customers a more central and attractive location to obtain their Level I Certification from The Snell Group. Additional ASNT Certification Testing is also available during this course, please contact us for more information.

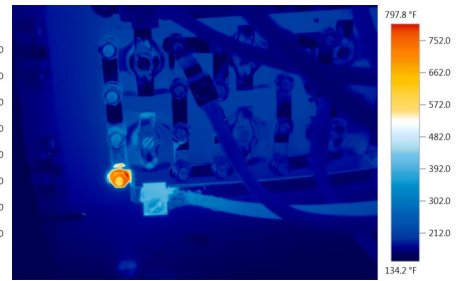
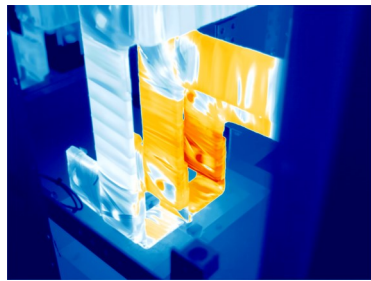
The purpose of this training is to:

- **Provide hands-on applications instruction in the use of thermographic imaging equipment.**
- **Learn the basics of how an infrared camera works and how to better utilize it.**
 - **Instill confidence in the use of the technology.**
- **Expose the trainee to multiple applications, such as electrical, mechanical systems and approaches to production/process-related problems.**
 - **Enhance the return on your reliability investment.**

The Training will consist of classroom lectures, group discussions and demonstrations. Hands-on activities are emphasized so that participants use the equipment during a large portion of the training. For this reason, you are encouraged to bring your infrared camera (and batteries) in order to fully utilize the class. Additional cameras will be available.

Camera training (on your camera) will also be provided to ensure your familiarity and success!





Thermographic Applications for Predictive Maintenance Level I Course Outline

Monday

3:00 p.m. - 6:00 p.m.

- Introduction, course overview, and dinner (included)
- Keynote presentation: "Thinking Thermally®"
- Applied Theory: Heat Transfer Basics, Radiometry
- Using your imaging equipment, hands-on instruction and practice

Tuesday

8:00 a.m. - 5:00 p.m.

- Inspecting electrical Systems:
 - Conducting inspections safely
 - Conditions for successful inspections
 - How to conduct a systematic electrical survey
 - Fieldwork: Electrical survey of plant equipment
 - Review of fieldwork
 - Basic temperature measurement in electrical surveys
 - Prioritize findings
- Patterns and causes
Examples of equipment to be inspected

Wednesday

8:00 a.m. - 5:00 p.m.

- Inspecting mechanical systems:
 - Motors, Rotating Equipment, Steam Traps, Refractory Insulation, Tanks and Silos
- Fieldwork: Inspecting electrical and mechanical systems
- Review of fieldwork
- Implementing thermography
 - Report Forms, Setting up Inspection Routes, Procedures
- Using the imaging equipment, hands-on instruction and practice

Thursday

8:00 a.m. - 5:00 p.m.

- An overview of other applications: Building diagnostics, Roof moisture inspections
- Using the imaging equipment,
- Hands on equipment use: Refining diagnostic skills
- Roof inspections: Safety, Conditions, Conducting an inspection, Patterns, Aerial work
- Overview of Nondestructive Testing (NDT) of composite materials

Friday

8:00 a.m. - 12:00 p.m.

- Course wrap up and review
- Course Test
- Snell Standard Certification Specific examination (optional)

Note: optional hands-on equipment use sessions are held before and after class Tuesday-Thursday



Extended Stay. Extended Comfort.SM

The Level I Training Course
will take place at the
Hawthorn Suites
751 Cypress Station Drive
Louisville, KY 40207
502-785-0823

A block of rooms has been reserved at a special rate of \$119 +tax. (Please mention IR Technologies upon registration to ensure this price. Note: This block will be held until 09-07-2024.) Call 502-785-0823 to reserve your room today. If you would like to make other hotel arrangements please feel free to do so.

The Hawthorn Suites provide remarkable amenities such as a free shuttle for airport, restaurants and shopping. Free usage of the 70,000 square foot Wellness Center located across the street. Please check out their website www.baptistmilestone.com. Additionally there is a wet lands park with a trail located just down the street.

Lunch will be furnished each day of class.

Please see the enclosed course outline for details on what the training class will include and complete the enclosed registration application today. Return completed form to us at lancaster@irtechusa.com

The Hawthorn Suites is in a great location, convenient to shopping malls and restaurants and is just off Interstate 64 and 264 for easy commuting.

Please contact us at 502-326-0521 for further information.

Wet Lands Park down the street



The Wellness Center across the street





Technology Solutions
For Competitive Manufacturing



Level One Infrared Training Course October 7-11, 2024

Course Cost: \$1,995 per person.

(If more than one person is attending please list additional attendees on a separate sheet.)



Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Email: _____

Phone: _____ Fax: _____

Credit Card Type: _____ Name on Card: _____

CC No: _____ Exp. Date: _____ Code#: _____

Address for Credit Card Billing: _____

Purchase Order #: _____ Total Amount: _____

PO Contact Name: _____ Phone #: _____

Payment Terms: We accept checks, Visa, MasterCard and American Express as our preferred payment option. Purchase Orders are accepted with approved credit. Infrared Technologies is not liable for transportation or related costs if a class is cancelled. If a student cannot attend the course, a substitute may be sent at no additional cost. **If a student cancels one week before the start of the class, Infrared Technologies will refund their payment minus a \$50 service fee. If a cancellation occurs less than one week before the course, Infrared Technologies will refund payment minus a \$500 service fee. If a student does not show up for class, no refund will be given. Students must contact Infrared Technologies to initiate a refund.**

**Please make payment to:
Infrared Technologies, Inc.
4769 Shenandoah Drive
Louisville, KY 40241
Phone: 502-326-0521
lancaster@irtechusa.com**

Enjoy a Great Location!