

# Level One Thermographic Applications Course

## March 19th-23rd, 2018

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**Time: 8:00 am – 5:00 pm (1:00 pm start on March 19th, and 12:00 pm end on March 23rd)**

**Location: Graybar Canada (Automation Division) 260 Brownlow Avenue, Dartmouth, NS B3B 1V9**

**Registration Fee: \$1895 per student**

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A 32 hour class covering the theory and applications of infrared thermography in the preventive maintenance, quality assurance, condition monitoring and non destructive testing of materials fields. This class focuses on qualitative thermography and how to collect data and follow proven and published inspection procedures. Upon completion students will be able to capture clear thermograms and make basic inferences and diagnosis.

Level I material includes infrared theory, heat transfer concepts, operation of thermal imaging equipment and specific recommendations on how to make quality thermal images that are clear, concise and easy to interpret. Students are challenged daily with hands on demonstrations, experiments and inspection situations similar to those they will experience in their work. Students leave Snell training ready to put this amazing technology to work.

This course fully meets the educational requirements for certification in accordance with Recommended Practice No. SNT-TC-1A, as defined by the American Society for Non-Destructive Testing.

An overview of the most common applications include:

- Electrical distribution systems
- Mechanical systems
- Steam systems
- Refractories
- Underground piping
- Active thermography
- Building envelopes
- Low-slope roofs
- Nondestructive testing of materials

Students learn the basic inspection techniques based on accepted industry and international inspection procedures.

The course is open to everyone regardless of whether or not they own a thermal imager. Attendees that do have equipment are encouraged to bring their systems as there are a number of hands-on learning opportunities available during the week.



To register, please contact:  
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