

Level 2 // //

ADVANCED INFRARED THERMOGRAPHY

Level 2 focuses on radiometric temperature measurement and how taking accurate temperatures improves the diagnosis and interpretation of thermal situations. The course delves deeply into the concepts of emissivity, reflected temperature compensation as well as spatial and measurement resolution. Other topics include inspecting through transmissive films and windows and using IR mirrors—and you will learn the proper use and limitations of them.



Course Details

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Registration is \$3,300 per student.

The Level 2 course extends the knowledge gained in Level 1 on infrared theory and heat transfer concepts. The Snell Group's experienced instructors deliver knowledge-rich material directly to the student live in a virtual classroom experience. Students leave aware of the full operational capabilities of their radiometric thermal imaging equipment and are challenged with videos, reading assignments, camera exercises, and quizzes.

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 Nondestructive Testing.

For more information, contact:
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May 4-8

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Course Curriculum:

- Qualities of good data
- Heat energy and temperature
- Radiation
- Conduction
- Convection
- Temperature change
- State change
- Evaluation thermal data
- Determining repair priorities

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