

Infrared Thermography Courses

Used to reduce risk, save money, increase up-time, conserve energy and improve safety

Have you ever wanted to take an infrared thermography training course to increase your return on investment on your infrared imager? The Snell Group now provides online public training courses and also online learning! Can't get away from work or travel? Now you can participate without leaving your home or office. Learn at your own pace, when and where you want! As technology in the world around us advances, so does the delivery of infrared training for thermographers. The Snell Group's new variety of online training courses feature the knowledge-rich material students expect from a live course combined with the convenience of a web-based platform. Isn't it time you leverage Snell's knowledge to your advantage?

Three Methods of Instruction

Infrared training provides the necessary foundation for the success of any thermographer and their program. Properly trained and qualified IR technicians provide companies with a greater return on their investment and, more importantly, avoid the liability associated with unqualified work. We now offer all of our training opportunities available through a variety of infrared instruction.

In Person – Public or Onsite

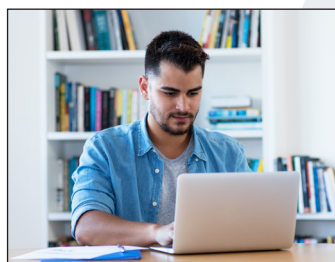
World-class infrared thermography training from The Snell Group is presented throughout the country in a classroom setting. But it can also be presented as a customized, on-site, training course right at your facility. There are many advantages to hosting an on-site training class including a lower total training cost for groups and the ability to integrate hands-on field work with your particular needs or environment.

Live Virtual Online – Instructor Led Training

Fit training into your schedule without the travel! Courses cover the theory and applications of infrared thermography in the preventive maintenance, quality assurance, condition monitoring and nondestructive testing of materials fields. Get the experience of a live course, without leaving your home or office.

On-Demand Online – Get Certified

With the current travel restrictions in place, consider our online courses and certification services for infrared thermography professionals with our on-demand online infrared training. You can learn at your own pace, when and where you want! Take advantage of less employee down-time and no costly travel expenses.



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Level I – Thermographic Applications

Learn the principles of how to Think Thermally[®], basic heat transfer theory, electrical applications, mechanical equipment, building systems, roof inspections, use of thermal imaging equipment, proper image acquisition and diagnosis skills. You will also learn the limitations of the technology, which could lead to misleading or even dangerous reporting issues. Includes the Snell Certification Standard: ASNT-TC1A compliant. Successful completion of this course will result in a well-rounded education that can be put immediately to use upon completion.

Infrared for Electrical Inspections

This course is designed for the novice infrared thermographer in understanding the requirements for conducting successful electrical inspections. Best suited for someone with a basic understanding of electrical apparatus and systems and who do not require Level 1 certification. Curriculum covers high voltage down to 12V DC systems and you will learn how to conduct the inspection safely and effectively under the right conditions.

Infrared for Mechanical Inspections

There are ample opportunities to use infrared thermography to improve asset reliability. This course is designed for the new thermographer who wants to understand the requirements for conducting effective mechanical inspections. There is no pre-requisite for this class. It is best suited for someone with a basic understanding of mechanical apparatus and systems. Topics include rotating and stationary equipment, high-temperature systems, fluid and storage systems, mobile equipment and more.

Infrared for Building Inspections

Designed for energy auditors, weatherization contractors, home inspectors, and other building professionals who use thermal imaging to help determine building performance due to insulation defects, air leakage problems and moisture related issues. Conditions needed to be successful, typical patterns you will encounter, and recommended ancillary equipment will all be discussed. Completion of the course prepares students to successfully apply the technology to residential and small commercial buildings.

Infrared for Roof Inspections

This course is designed for roofing professionals, facility and maintenance technicians, thermographers, building inspectors and those who use thermal imaging or are considering adding the technology to their program. It will fully demonstrate and explain how to use infrared technology to inspect low-slope roofs moisture related issues on a wide range of different types of buildings with different types of roofs.

Level 2 – Advanced Infrared Thermography

This is a quantitative thermography class designed for practicing thermographers interested in advancing their knowledge and capabilities. This class covers advanced theory and applications of infrared thermography in the preventive maintenance, quality assurance, condition monitoring and nondestructive testing of materials fields. Upon completion students will be able to fully understand infrared thermography, thermal imagers, and their abilities and limitations out in the field.

