



Getting the Most from Thermal Imaging Equipment Background, Operation and its Uses

Please join us for a 2 Day Zoom Webinar

**Tuesday, April 6th & Tuesday April 13th
8 a.m. - 12: 00 p.m.**

Please note to receive MIIA Rewards Credits for attendance of this webinar series you must attend both webinars **in their entirety**. We request that you also use your municipal email to register for tracking purposes.

The objective of this training is to understand how to use your thermal imaging equipment. Understanding some theory of how the equipment operates, what its limitations are and the types of tasks for which the equipment may be used will help your municipality get the most out of your thermal imaging equipment as one of the tools in your arsenal to help prevent damage to buildings because of water intrusion, heat loss, deterioration of infrastructure, or pest intrusion.

COURSE DESCRIPTION

Geared to the new and relatively new infrared camera users, this two- day webinar training focuses on thermal imager use for Building Surveyors from various municipalities.

Day One - April 6

FIRST MORNING SESSION Students will learn about the science of thermal imaging, including an overview of the electromagnetic spectrum, qualitative thermography, quantitative thermography, methods of heat transfer, and thermal capacities. The limitations of thermal imaging will be explained. Students will learn how to understand and better interpret images presented by a thermal imager. They will see infrared images representing typical and not so typical energy deficiencies, as well as examples of where the imager is out of adjustment and how the information is inaccurate. Students will learn about infrared camera specifications and how specific specifications impact the camera's effectiveness. They will learn how simple adjustments to the imager will allow them to isolate and interpret the information properly. Students will discover how to better utilize the features of their imager to acquire better images.

PRESENTER

Monroe Infrared has been a veteran owned small business and professional Infrared services company since 1984 with headquarters in Brunswick, Maine, and staff in several states. Monroe Infrared teaches professional IR certification training across the country to a wide array of professional, academic, and trade students in multiple industries. Our instructor, Bill Fabian, is one of the highest-rated thermography trainers in the country because of his exceptional technical expertise and his relatable teaching style. This webinar series (April 6th & 13th) qualifies the MIIA member for 1% credit under the FY21 MIIA Rewards Program under the Property Category.