

IN ASSOCIATION WITH

Scott Wood Associates LLC

Expert Building Science Thermography Consulting

www.buildingsciencethermography.com

PROUDLY PRESENTS

Level 1 Building Science Thermography – Melbourne, 14-17 October 2013

Blower Door Practical Operation Training – Melbourne, 18 October 2013

Learning Objectives:

This Level I Building Science Thermography course is for building investigators, energy rating assessors, new infrared camera users and practicing thermographers wanting focused training on commercial and residential building investigation using infrared as a primary investigative tool. The four day course discusses and explains how infrared thermography is used to monitor and diagnose the condition of buildings.

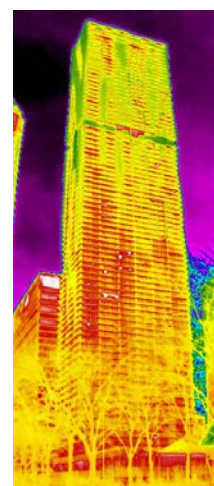
SWA Consulting will show you how to identify:

- Conduction and convection thermal losses such as missing, inadequate or improperly installed insulation.
- Air movement through the building envelope including improper and missing air sealing/barriers. Blower door theory.
- Moisture detection and verification of the presence of moisture in building materials.



Participants will be provided with the knowledge to recognise and document thermal patterns associated with traditional building problems. Based on Level 1 Thermography applied to Building Science, participants will gain an understanding of:

- Basic building design and construction requirements
- Heating
- Building envelope enclosure systems
- Cooling
- Air flow detection and control. Blower door theory.
- Energy use
- Moisture detection and control
- Possible electrical problems



THERMALLY EFFECTIVE BUILDINGS = ENERGY COST SAVINGS

- Learn how to:
- Perform building inspections using thermography.
 - Work safely and efficiently using different types of infrared imaging equipment.
 - Interpret thermographic results and prepare credible reports for clients or employers.

Tips on marketing and selling your infrared inspection services are also interwoven into the course materials.

This Level I Building Science Thermography course focuses in depth on building diagnostics for solving problems related to heat, moisture, air flows and the troubleshooting needs of all types of buildings and structures. Participants who complete the training will be able to utilize thermal imaging equipment to perform qualitative surveys of building enclosures and will be able to fully incorporate thermographic inspections into existing programs.

The completion of this course will serve to provide the student with a clear understanding of thermal and building sciences and the use of infrared thermography for investigating heat flow, air flow and moisture within buildings.



Level 1 Building Science Thermography – Melbourne, 14-17 October 2013

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Course Goals:

This course is designed to enable both new infrared camera users and practicing thermographers to attain the knowledge for competency in the use of infrared thermography in commercial and residential building investigations. Participants who successfully complete the course will be provided a certificate for Level I Building Science Thermography.

Competency and Certification:

Individuals completing the requirements for SWA Consulting's Level I Building Science Thermography are competent as Building Science Thermographers, qualified to perform building thermographic analysis and basic infrared thermography as relevant to an advanced Level I Thermographer.

Completion of the course demonstrates passing the classroom studies, an acceptable thermography report and documented field use of thermography as an investigative tool for buildings. A certification of achievement will be presented to the student who has passed the classroom studies (quizzes, homework assignments, in class laboratory, final test), submitted an approved report and provides documented field experience. This certification is valid for 5 years. Recertification is required prior to expiry.

REGISTRATION FORM

AS THERE ARE LIMITED PLACES AVAILABLE PAYMENT IN FULL IS REQUIRED BY 14 SEPTEMBER 2013

Course (please tick)	When	Course Fee	Both
<input type="checkbox"/> Level1 Building Science Thermography	14 to 17 October 2013	* \$2590 Including GST	* \$2890
<input type="checkbox"/> Blower Door Practical Operation Training	18 October 2013	* \$390 Including GST	Incl GST

* 5% discount available to members of the **Australian Professional Thermography Association Inc.**

Where: **Quality Hotel-Motel, 7 Melton Highway, Taylors Lakes, Victoria (near Tullamarine airport)**

Name: _____

Mobile: _____ Email: _____

Business Name: _____

Position: _____ Department: _____

Postal Address: _____ State: _____ Post Code: _____

Payment Method: Direct Deposit Cheque (*payable to Advanced Infrared Thermography*)



Direct Deposit to: Advanced infrared Thermography CBA BSB # 063 151 Acct # 1024 1303

It's important to quote your last name in the reference field and confirm payment by fax or email.

CREDIT CARD PAYMENT IS AVAILABLE UPON REQUEST

TERMS AND CONDITIONS

- 1) Enrolment: Enrolments will be confirmed in writing prior to the course commencement date and are subject to: (1) receipt of the completed enrolment form; (2) payment with enrolment, or receipt of purchase order from approved Corporate Accounts. Enrolment may be made by sending the form to Advanced Infrared Thermography Services Pty Ltd to FAX 03 9445 9298 or to EMAIL info@advancedinfrared.com
- 2) Fees: Course fees are inclusive of course materials and refreshments.
- 3) Cancellation/Substitution: Cancellation will only be accepted in writing and must be acknowledged by AITS. Cancellations received and acknowledged at least 4 weeks prior to the course commencement date will incur a 20% Administration Fee. Within 4 weeks of course commencement date any cancellation will result in the full course fee being payable; any monies already paid will be non-refundable. At any stage prior to the course substitution of participants will be accepted. You may also defer once to the next available course date. Any further deferral will be considered as a cancellation and all fees forfeited.
- 4) Copyright: All intellectual property rights in all materials produced or distributed by SWA/AITS in connection with this course is expressly reserved and any unauthorised duplication, publication or distribution is prohibited.
- 5) Important notice: AITS/SWA reserves the right to change course schedules or locations, discontinue courses, modify course content, limit class size and cancel courses as it deems necessary without liability or penalty.