The Melbourne School of Engineering at the University of Melbourne has been involved in the delivery of quality infrared thermography training for over a decade.

In January 2011 the School became an ITC Licensed Training Centre, authorised to deliver thermography training courses under a licensed training agreement with ITC Sweden. Level 1 ITC Thermography courses are available for both public and on-site company registration.

COURSE DESCRIPTION
The Level 1 ITC Thermography course is an introductory course which prepares participants for qualifications as a category 1 certified thermographer with the British Institute of Non-Destructive Testing (BINDT).

The course is delivered over five days using a combination of theoretical and practical sessions; working with images, sketches and simple diagrams to illustrate the theoretical aspects in a descriptive way.

Participants learn about the basics of infrared, how to operate their camera under different conditions and for various purposes, how to appropriately judge the measurement situation and identify potential error sources. Participants will be able to undertake infrared inspections following written guidelines and report findings.

The theory sections on heat and infrared provides participants with the basic knowledge needed to use their infrared camera in the field, and to recognise and interpret thermal patterns. Strong emphasis is put on the infrared measurement techniques and the influence of emissivity and reflectivity on the measurement results. Participants gain practical experience and learn how and when to use qualitative and quantitative thermography. A short introduction to inspection routines and reporting principles finalises the theory and the preparation needed to create a short case study that is presented to the class.

The course is completed with an examination which is set and marked by ITC in Sweden. It is a written exam including multiple choice questions and practical image interpretation. All participants that pass the exam and meet all relevant requirements receive a certificate stating their performance.

To successfully complete the Level 1 requirements of ITC certification, students must participate in the required amount of face to face training, produce a small report on a thermal image/problem, and pass the ITC examination with at least 75% pass mark. A successful outcome provides students access to sit the AINDT Examination.

WHO SHOULD ATTEND
This course is designed for beginners in thermography with some experience in camera handling and limited infrared knowledge, who want to take their first step to become a professional thermographer and want to qualify as a Level 1 certified thermographer.

ENTRY REQUIREMENTS
Some experience in camera handling and limited infrared knowledge.

INFRARED CAMERA USE DURING THE COURSE
Participants are encouraged to attend with their own camera to gain maximum benefit from the practical sessions. Arrangement can be made for the use of a camera for participants who wish to attend but do not have access to their own camera.

DELIVERY MODE
The course is delivered face to face over five consecutive days (35-40 hours).

FEES
$2,560 AUD per person. Fees are GST exempt.

Fees include:
- Instruction by ITC qualified and certified infrared thermography instructors;
- Course materials and folders;
- Morning tea, lunch and afternoon tea each day of the program;
- Externally set and assessed examination; and
- Certificate of achievement.

HOW TO APPLY
Please go to www.thermographycourses.org.au for 2014 dates and click apply now.

FOR MORE INFORMATION
Cat Stewart
Program Coordinator
T: +61 (0)3 9810 3348
E: thermography@commercial.unimelb.edu.au

UoM Commercial Ltd
Trading as Melbourne Consulting and Custom Programs
442 Auburn Road, Hawthorn VIC 3122, Australia

DISCLAIMER
The information in this brochure was correct at the time of printing. The University reserves the right to make changes as appropriate. Changes may be made to such things as course content and presenters. Students will be advised of changes as soon as practicable.

Printed January 2014.
ITC Infrared Thermography Level 2

The Melbourne School of Engineering at the University of Melbourne has been involved in the delivery of quality infrared thermography training for over a decade.

In January 2011 the School became an ITC Licensed Training Centre, authorised to deliver thermography training courses under a licensed training agreement with ITC Sweden.

The ITC at the University of Melbourne provides high-quality interactive thermography training from qualified international thermography instructors. The ITC offers infrared training and certification in all aspects of infrared thermography use.

Level 2 ITC Thermography courses are available for both public and on-site company registration.

COURSE DESCRIPTION

The Level 2 ITC Thermography course is designed for the professional thermographer and delivered over 5 consecutive days using a combination of theoretical and practical sessions and working with images, sketches and diagrams to illustrate the theoretical aspects in a descriptive way.

The course prepares the participant for qualification as a category 2 certified thermographer with the British Institute of Non-Destructive Testing (BINDT).

Participants learn about topics in infrared physics, heat science, infrared measurement equipment and its application.

An ITC Level 2 thermographer is able to provide guidance to category 1 personnel in the areas of equipment selection, techniques, limitations, data analysis, corrective actions and reporting.

To successfully complete the Level 2 requirements of ITC certification, students must participate in the required amount of face to face training, produce a small report on a thermal image/problem, and pass the ITC examination with at least 75% pass mark. A successful outcome provides students access to sit the AINDT Examination.

WHO SHOULD ATTEND

The course is designed for the professional thermographer, with a valid ITC Level 1 Thermography certificate wanting to expand their knowledge and provide guidance to personnel in the areas of equipment selection, techniques, limitations, data analysis, corrective actions and reporting.

ENTRY REQUIREMENTS

Successful completion of Level 1 ITC Infrared Thermography training or equivalent.

INFRARED CAMERA USE DURING THE COURSE

Participants are encouraged to attend with their own camera to gain maximum benefit from the practical sessions. Arrangement can be made for the use of a camera for participants who wish to attend but do not have access to their own camera.

DELIVERY MODE

The course is delivered face to face over five consecutive days.

FEES

$2,970 AUD per person. Fees are GST exempt.

Fees include:
• Instruction by ITC qualified and certified infrared thermography instructors;
• Course materials and folders;
• Morning tea, lunch and afternoon tea each day of the program;
• Externally set and assessed examination; and
• Certificate of achievement.

HOW TO APPLY

Please go to www.thermographycourses.org.au for 2014 dates and click apply now.

FOR MORE INFORMATION

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