

INFRASPECTION INSTITUTE - LEVEL 1 CERTIFIED THERMOGRAPHER COURSE TIMETABLE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.30am	Registration				Course Wrap-up
9.00am	Course Overview & Ground Rules Introduction Overview of IR Applications	Imager Operation & Selection	Rotating Equipment	Structural: Part 1 Energy Loss - Radiation - Convection Air leakage	LEVEL 1 Certified Thermographer Exam (3 Hours)
10.30am	BREAK	BREAK	BREAK	BREAK	
10.45am	Heat Transfer Concepts	Display of Vendor's Instruments Electrical Systems Inspections: Theory Transmission Lines Distribution Lines Substations, T'formers Bus Duct, Sw. Gear	Power Transmission & Alignment Steam, Fluid Flow, High Temperature Applications	- Conduction Buildings Boilers Furnaces Kilns & Ovens Process Equipmt.	
12.30pm	LUNCH	LUNCH	LUNCH	LUNCH	End of Course
1.30pm	Heat Transfer Concepts (Cont'd) Emittance, Reflectance & Transmittance	Electrical Systems Inspections (Cont'd)	Active Thermographic Inspection Theory & rotating Equipment Recording Images & Producing Hard Copy	Structural: Part 2 Roof Inspections - Construction & Theory	
3.00pm	BREAK	BREAK	BREAK	BREAK	
3.15pm	Atmosphere, Imager Optics & Design	Nine steps to set up an IR Program Program Economics & Benefits	Generating a Qualitative Report	- Weather Variables - Aerial/Ground Inspections - Verification of Data Course Review	
5.00pm					