

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