

ISO 18436 – Thermography Level 1 - Course program.

- **Day 1** (morning 8,45 to 12,30, afternoon 13,30 to 17,45)
 - Welcome
 - Introductions
 - Application overview
 - Camera practice
 - Basic thermal science

- **Day 2** (morning 8,45 to 12,30, afternoon 13,30 to 17,45)
 - Basic heat transfer
 - The electromagnetic spectrum
 - Radiation energy exchange
 - Thermal image interpretation
 - Thermal image analysis

- **Day 3** (morning 8,45 to 12,30, afternoon 13,30 to 17,45)
 - Qualitative and Quantitative analysis
 - Infrared measurement techniques
 - Camera practice

- **Day 4** (morning 8,45 to 12,30, afternoon 13,30 to 17,45)
 - Software
 - Lab exercises

- **Day 5** (morning 8,45 to 12,30, afternoon 13,30 to 17,45)
 - Continuation of
 - Lab exercises

 - Lab presentations
 - Review
 - **Written exam**