



in partnership with



### Registration

Attendees will receive a Certificate of Completion with credit for contact and professional hours. Register at <http://www.opmug.net/> or [chris.groden@tulsatech.edu](mailto:chris.groden@tulsatech.edu) to reserve a seat for this session.

Registration deadline is Jan. 3, 2012.

### Course Cost

In-State Members | \$575.00

Out-of-State Members | \$775.00

Registration will be limited to the first 20 OPMUG members that register.

For more information about classes or lodging, please call Chris Groden at 918.828.5400.



# Infrared Thermography Training

A 5-DAY TRAINING CLASS

January 9-13, 2012 | 8am-5pm

Hosted by Tulsa Tech | 3638 S. Memorial Dr. | Tulsa OK

918.828.5400 | [tulsatech.edu](http://tulsatech.edu)

## LEVEL 1 INFRARED THERMOGRAPHY Training

Our curriculum is designed to the American Society of Nondestructive Testing (ASNT) guidelines.

The General Course (40 hrs) is designed to prepare your PdM program employees in accordance with ASNT international standards. The course provides a full color manual and instruction by Certified Professional Instructors. The first four days (32 hours) of training are comprised of classroom theory and hands-on training. Providing one on one interaction with instructors and outstanding real world lab experiences. Before lunch on day 5 there is a complete course review followed by the end of course written and practical testing as per ASNT guidelines. The final day afternoon is optional and is comprised of discussions on software and report writing showing how documentation can guide a successful PdM program and quantify its return on investment.

INFRARED Equipment training includes basic and advanced hands-on using your cameras or our top of the line PdM cameras, (FLUKE Ti-55® and FLIR T-400®)

### Curriculum includes

- Thermal Image concepts
- Overview of Thermal Imagers
- Functionality Check
- Theory of Heat Transfer
- Electrical Inspections
- Mechanical Inspections
- Roof Inspections
- Building Inspections
- Establishing a PdM Program

### Who can benefit from Infrared Thermography training?

- Manufacturers
- Utilities
- Police and Firefighters
- Government Agencies
- Military
- NASA
- Predictive Maintenance User Groups
- Inspectors

### Additional Applications

- Water Shed and Environmental Reviews
- Propulsion and Engine Systems Analysis
- Fire Fighting Inspection and Investigation
- Medical Investigations-early cancer, accident trauma, vascular, and many more
- Energy audits – leaks in residential dwellings can account for 50 % of heating and cooling energy losses

### Course Cancellation Policy

A training class can be cancelled when, less than 75% funded and is less than 30 days from the start of class (training). In this case there will be a 100% fee refund for registered participants. If a registered participant cancels less than 10 days before the start of class (training) they will forfeit 50% of the registration fee.