



A Short Course on
Thermal Analysis

July 13 - 14, 2016 | 9am - 4pm

Cost: \$300 for Industrial Full Attendee
\$50 for Students (if space is available)
Does not include lunch

Description:

The course will include the basics of Thermal Analysis with morning lectures on differential scanning calorimetry (DSC), thermogravimetric analysis (TGA), and dynamic mechanical analysis (DMA). The afternoon sessions will have hands-on instruction by the vendors, with demonstrations on calibration and how to run experiments.

Participating Vendors: TA Instruments, Mettler Toledo, & NETZSCH Instruments

July 13th Program

Center for Composite Materials (CCM)
101 Academy Street
University of Delaware
Newark, DE 19716

8:45 - 9:00 **Registration**
9:00 - 9:10 **Opening Comments, Andrew McGhie (LRSM)**
9:10 - 10:25 **DSC Theory and Practice by Larry Judovits (Arkema)**
10:25 - 10:45 *Break*
10:45 - 12:00 **DSC Application and Use by Steve Sauerbrunn (CCM)**
12:00 - 13:15 *Lunch*
13:15 - 14:30 **Introduction to TGA, Janis Matisons (Gelest)**
14:30 - 14:50 *Break*
14:50 - 16:05 **Introduction to DMA, Sara Reynaud (Arkema)**

July 14th Program

TA Instruments
159 Lukens Drive,
New Castle, DE 19720

9:00 - 11:30 **Hands-on Demos with Vender Dr. Kadine Mohamed (TAI)**

Center for Composite Materials (CCM)

13:15-15:45 **Hands-on Demos with Vendors, Kevin Menard (Mettler) & Hui Hu (Netzsch)**

To Register Please Contact:

Steve Sauerbrunn

sauerbru@udel.edu • 302-353-6046

Composites Manufacturing Science Laboratory
101 Academy Street, Newark, DE 19716

Payment by cash or check made payable to the TAFDV

Event sponsored by:

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Registration Form**

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First Name: _____ **Last Name:** _____

Affiliation: _____

Email: _____ **Phone Number:** (_____) _____

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Please send form to:

Steve Sauerbrunn

sauerbru@udel.edu • p: 302-353-6046 • f: 302-831-8525

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**Center for
Composite Materials**

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