



The American Society  
of Mechanical  
Engineers  
**Delaware Section**

The Delaware Section of ASME and the  
UD ASME Student Section  
Cordially invite you to

**Air Pollution Control Basics Course**  
**By Doug Kriebel, PE**

**Tuesday – March 22, 2016 – 5:30 PM**

**Composites Manufacturing Science Laboratory – Room 106**  
*(Southeast Corner of Delaware Avenue and Academy Street)*

Abstract:

This course includes a brief history of Air Pollution Controls (APC) from the beginning of Clean Air Act to present. This course will also cover the basics of APC systems: enclosures, ducting, and control devices. Bulk of presentation will cover control devices, mainly: Air Filters, Scrubbers and Thermal Oxidizers. Attendees will learn the elements of an APC system, the difference in control technology, and where to apply control devices.

Agenda:

- 5:30 - Light Dinner and Networking
  - 6:00 - Presentation by Doug Kriebel, Principal at Kriebel Engineered Equipment, Ltd.
  - 8:00 - End of Meeting
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- Light Supper will be Provided
  - Cost: \$10 for ASME Members, \$15 for Non-members, **FREE for Students**
  - 2 Professional Development Hours (PDH)

**RSVP by March 21 to Tom Langley**  
**[Langley2@asme.org](mailto:Langley2@asme.org) or 302-383-8994 (limited seating)**

## Presentation Overview – Air Pollution Control Basics Course:

### Abstract:

Course includes a brief history of Air Pollution Controls (APC) from the beginning of Clean Air Act to present.

Course will cover the basics of APC systems: enclosures, ducting, and control devices. Bulk of presentation will cover control devices, mainly: Air Filters, Scrubbers and Thermal Oxidizers.

### Course Objective:

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### Doug Kriebel Bio:

Douglas Kriebel is a Principal at Kriebel Engineered Equipment, Ltd., which he founded in 1989. He has a BS Chemical Engineering from Michigan Tech. His previous work experience includes the Philadelphia Electric Company and Ingersoll-Rand Company. Doug is a Professional Engineer; on the board of directors AIChE-DVS; charter member of the Chemical Consultants Network; a member of ISPE, and a Fellow of the American Institute of Chemical Engineers. He has authored technical papers and has lectured on pumps, pumping systems, and other process equipment related topics. He is the 2011 Delaware Valley Engineer of the Year.

## Directions:

For directions to CCM, please visit the [College of Engineering Map and Directions to UD Engineering Buildings](#) web page and click on the Center for Composites link at the top of the page.

CCM is located at the southeast corner of the intersection of Delaware Avenue and Academy Street. The main entrance is on Academy Street and the reception area is on the second floor.

### Parking

- Lot #1 is located between Main Street and Delaware Avenue, behind the Galleria
- Lot #2 is located at the intersection of Main and Academy Street
- Lot #3 is located off of Main Street, between the Center and Choate Street.

Click here for a [detailed UD parking map](#).

Click here to go to the [Online Map of UD](#).

