

Peoria Chapter



Metallurgy for the Non-Metallurgist

Central IL Chapter



What You'll Learn:

- How metals are recovered from nature and processed into usable form
- How different metal/alloy systems differ in both physical and mechanical properties
- How phase diagrams help determine how alloys will behave
- Factors that affect selection of the correct material for the job
- Mechanical properties and various testing methods for metals and alloys
- How heat treatment can provide a wide range of properties in steels and other alloys
- An introduction to the mechanism of corrosion, welding, brazing, and soldering

Who Should Enroll:

- Anyone who needs a working understanding of metals and their applications
- Technical, laboratory, and sales personnel
- Engineers from all disciplines
- Management, administrative and other non-technical support staff

Class Details:

- Duration: 10/16/12 to 12/11/12, once per week on Tuesday (no class on the week of Thanksgiving)
- Location: MM2 or Tech Center based on class preference
- Time: 4:30 – 6:30pm (CST)
- Cost: \$500 (Participant is responsible for fee)
- CEU's: 3.2
- Sametime: Available

To Sign Up:

- Email Zach Birky or Curtis Henning with name and class location preference (MM2 or Tech Center)
 - Direction for registration/payment via ASM website will be provided (the exact link may change so it is requested to work with Zach or Curtis directly, contact info below)
- Register for the class (Note payment of \$500 is required upon registration)
 - Retain confirmation number in case changes to registration are needed
 - Retain receipt for work group reimbursement (if applicable)
- If paying by cash or check, send payment to Curtis Henning.
 - *Interoffice Mail:*
 - Facility Code - 16
 - Mail Drop Code - EPMM7650
 - Dept. - MM2
 - Attn: Curtis Henning

Check Payable to:
Peoria Chapter of ASM

More Info:

- For more information, contact:
 - **Zack Birky** - ASM/MEI Co-Chair
(309) 494-2368
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 - **Curtis Henning** - ASM/MEI Co-Chair
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Sign Up Deadline: September 21, 2012