



ASM MEI Course: Heat Treatment of Steels



Course Overview:

- Heat treating fundamentals
- Practical heat treating of ferrous material
- Latest heat treat processing technology
 - Atmosphere control
 - Temperature control
 - Quenching
- Heat treat equipment design and application

What will you learn:

- How to efficiently heat treat steels
- What chemical changes take place and how to control surface changes
- Selection and operation of efficient heat treating equipment and controls
- The chemistry involved in controlling atmospheres
- When to use specific quenching processes
- How to improve the properties of components by reducing wear and increasing strength, toughness and fatigue life
- How to select steels for optimum results: why use low carbon steel vs. high carbon steel

Sign Up Deadline: May 13th, 2016

SIGN UP IS TENTATIVE PENDING INTEREST / BUDGET FOR CLASS

Who should enroll:

- Anyone who wants a working understanding of heat treatment and its applications
- Technical, laboratory, and sales personnel
- Engineers
- Management, administrative and other non-technical support staff

Class Details:

- Duration: 6/21/16 – 8/16/16, once per week on Tuesdays (9 two hour sessions)
- Time: 4:30 – 6:30pm (CST)
- Location: East Peoria(Caterpillar-Bldg-MM2 Large Conference Room)/Remote Access
- CEU's: 3.0
- WebEx: Available
- Fee: \$575 (Participant is responsible for fee)
 - Course fee is not due until after the signup deadline.
 - Payment instructions will be sent out at a later date.

To Sign Up:

- Sign up form available at:
 - <https://goo.gl/qXkYEx>

More Info:

- For more information, contact:
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