

Learning Opportunity: Heat Treatment of Steel Course – Starts Oct 24, 2023

The [Peoria Chapter of ASM International's Materials Engineering Institute](#) is hosting an instructor-led course on Heat Treatment of Steel. This course provides a comprehensive knowledge that covers practical heat treating of carbon, alloy, stainless and tool steels. In this course, additional emphasis is placed on process applications, including valuable information on atmosphere control, quenching, temperature control and the type of equipment that is proper for different types of heat-treating operations.

With the majority of heat-treating problems occurring during quenching, the course now has more detailed coverage on quenching media and equipment to help you increase your understanding of hardening of steel. "Elements of Metallurgy" or "Metallurgy for Non-Metallurgist" or equivalent knowledge is recommended as a prerequisite.

- **Who:** This course is intended for mechanical, industrial, and manufacturing engineers; metallurgists; machine shop superintendents; managers; and technicians in heat treating operations.
- **When:** Every Tuesdays and Thursdays at 4:30-6:30 p.m. (CST) for 9 weeks, starting October 24, 2023
- **Where:** Technical Center (Mossville, Illinois, USA) and via Microsoft Teams/teleconference. (The building/room location and the Microsoft Teams/teleconference information will be communicated directly to those who register for the course.)
- **Fee:** \$600 per person (payment is not due until after the sign-up deadline)
- **Signup:** The deadline is Oct 11, 2023, and the form is available at <https://rb.gy/04h3d>. The course will be offered if there is enough interest and the registration and payment via [ASM International](#) will be opened after sign-up deadline.
- **Questions?** Contact [Mohammed Maniruzzaman](#). (Maniruzzaman.Mohammed@cat.com; 309-494-3945) or Catherine Stecklein (Stecklein.Catherine@cat.com; 309-675-1276)

Upcoming courses:

- **Metallurgy for Non-Metallurgists** – Feb 20, 2024 - <https://rb.gy/glnrm>
- **Principles of Failure Analysis** – April 2, 2024 – <https://rb.gy/uk3ab>