



**American Hofmann Corporation  
Lynchburg, Virginia Facility**

**Manufacturer of Balancing  
Machines and Systems**

***Your Partners  
For Precision***

- Automotive
- Armatures
- Toolholders
- Digital Media
- Turbochargers
- Universal Applications
- Turbines
- Upgrades and Retrofits

## ***The Balancing Institute***

**Balancing Theory and Applications**

**Presented by**

**American Hofmann Corporation  
Lynchburg, Virginia USA**



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## Why You Should Attend

**Unbalance** is the single largest source of vibration in industrial equipment today. Yet unbalance remains one of the least understood manufacturing processes.

**Improved vibration reduction** is a key element in bringing world-class products to today's global marketplace. This trend makes it imperative that both engineering and production personnel involved in the design, manufacture, and quality control of rotating equipment better understand the overall balancing process.

This course provides its students with a **thorough understanding** of the theory and mechanics of industrial balancing. It also focuses on the practical application of this theory. Through the use of case studies and other methods, the course develops a paradigm that allows attendees to critically evaluate their own balancing processes.

If you attend the class at our facility in Lynchburg, time will be available to discuss your company's specific problems and applications.

If the course is held at your facility, we can help you apply this training course directly to your specific balancing applications onsite.

## Who and Why?

If you are involved in solving vibration and balancing problems, or will be, you should attend American Hofmann Corporation's training program, *The Balancing Institute*. Personnel from design engineers to production staff will benefit from attending. Some of the topics covered are listed below.

- What is vibration and unbalance and what are the causes?
- What is the best method for unbalance compensation or correction?
- How is the proper balancing speed and tolerance determined?
- What criteria are important to consider in selecting a balancing machine?
- What methods are available for testing a balancing machine?
- Are there National or International Standards applicable to balancing machines?

The **Balancing Institute** will give you the tools to understand and optimize the balancing process and its effect on your rotating parts.

## Registration

A full balance training course, compressed into 2.5 days using computer-assisted technology to demonstrate and present the material. Each attendee receives a printed workbook and CD copy to take home for reference. Lunch and snacks are provided daily.

Ask how to bring this class to your facility for training tailored to your specific application.

**Visit our website to register:**

[www.hofmann-global.com](http://www.hofmann-global.com)

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