



The Balancing Institute

Balancing Theory and Applications

Presented by

American Hofmann Corporation

Hofmann Balancing

**Design and Manufacture of Balancing
Machines & Systems**

Balancing Training & Service Experts

Learn from the Best!

**Considered the world leader in
numerous balancing applications,
Hofmann has designed
and produced balancing machines
and systems for over 80 years.**

**Our experience and expertise are
integrated into solutions for our
customers in all industries around
the world.**

**Hofmann... bringing years of
experience and invention into the
modern world of balancing.**

- **Aerospace & Turbine**
- **Automotive**
- **Computer & Digital Media**
- **Electric Motor & Armature**
- **Medical**
- **Power Generation, Energy**
- **Textile**
- **Training**
- **Turbocharger**
- **Universal**
- **Upgrades and Retrofits**

Hofmann.

Intelligent Balancing Solutions

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Why This Course?

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 Can Benefit?

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 this seminar. 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

The Balancing Institute is a full balance training course, compressed into 2 days. It combines classroom with hands-on learning to both present and demonstrate the class material. Each attendee receives a printed workbook to take home for reference. Lunch and snacks are provided daily.

Visit our website to register:

www.hofmann-global.com

Or contact our facilitator:

Jim Carter

Balancing Institute Facilitator

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

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