

## OVERVIEW

It's no secret that today's increasingly complex business environment challenges us to work faster, harder, and smarter in delivering bottom-line results. The engineering community, in particular, faces difficult challenges. It's often charged with researching, developing and designing innovative solutions that reduce warranty costs and improve performance and functionality. Timken understands the challenges engineers face – that's why we've created the Learn and Lead with Timken technical training seminar. Our comprehensive instructional program gives you the knowledge to become local bearing experts at your company. This technical training program is ideal for design engineers, reliability engineers, and maintenance engineers working for industrial OE manufacturers.

## CURRICULUM

The seminar is a 4-day session which includes in-depth classroom instruction along with facility tours. We believe this collaborative, integrated approach will provide you with a complete understanding of the issues and current trends needed to develop leading-edge design work.

## LOCATION

The seminar will be held in Canton, Ohio at the Timken offices located on Cherry Ave.

For additional information, contact your Timken sales engineer.

# TIMKEN

Where You Turn



## TIMKEN

Where You Turn

Bearings • Steel •  
Power Transmission Systems •  
Precision Components • Gears •  
Drives • Seals • Lubrication •  
Industrial Services •  
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[www.bearing.sg](http://www.bearing.sg)



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## Learn and Lead with Timken

Bearing Fundamentals Seminar

May 7-11, 2012 • Canton, OH  
November 5-9, 2012 • Canton, OH

## COURSE CURRICULUM

The Bearing Fundamentals class is designed to help an engineer understand the basics of tapered, cylindrical, spherical and needle roller bearing design, selection, installation, clearance, setting and environmental factors that impact the performance of roller bearings.

In addition, the program exposes the engineers to the complete Timken portfolio of products and services, bearing analysis tools and enhanced bearings to meet demanding performance requirements.

## INSTRUCTORS

This seminar is presented by The Timken Company's Bearing & Power Transmission Engineers.

Courses are taught by a team of application and design engineers. They bring years of experience in virtually every industrial market, including mining, construction, power generation, agriculture, rolling mills, power transmission and heavy truck.

Participants also have an opportunity to meet with members of the Timken management team as well as our sales group. The ability to have this one-on-one interaction with key Timken personnel is a great opportunity to discuss practical, real-world challenges facing your organization.

## COURSE OUTLINE

### Day 1 (half-day)

Overview of Timken Product Line

### Day 2

Bearing Life Calculations

Bearing Mounting Concepts

Timken Technology Center Tour

### Day 3

Bearing Fitting Practice

Bearing Setting and Internal Clearance

Faircrest Steel Plant Tour

### Day 4

Adjusted Bearing Life

Timken Analysis Capabilities

Bucyrus Bearing Plant Tour

### Day 5 (half-day)

Enhanced Bearings

Bearing Selection Guide – Customer Analysis Tool

Key Contact Meetings

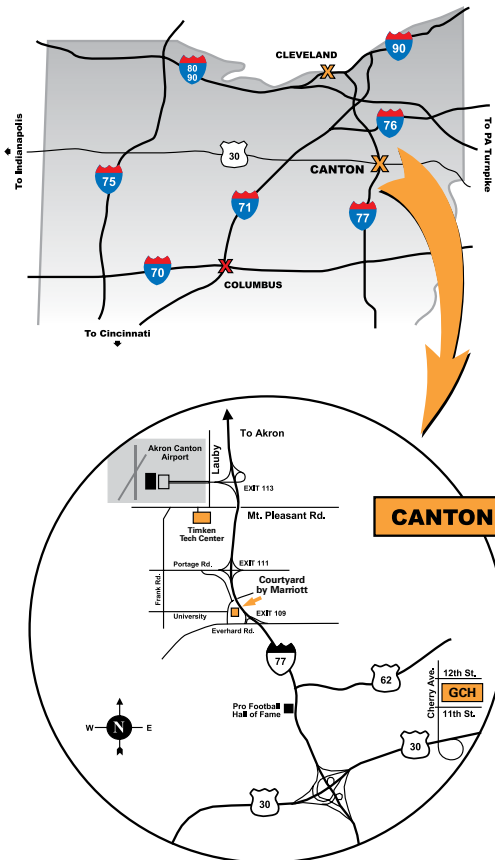
## COST

\$1195.00 (includes instructional materials, shuttle transportation to and from class each day, continental breakfast, lunch and dinner). All air and ground transportation to and from Canton, hotel accommodations and incidental charges are not included. All students will be staying at the Courtyard by Marriott. Contact Timken Travel Services at (330) 471-4444 and ask for the Learn and Lead Group Training Rate (\$94/night plus tax).

## TRANSPORTATION

Canton is accessible by two major airports: Akron/Canton Regional Airport and Cleveland Hopkins International Airport (approximately one hour north). See maps below. Registrants will receive meeting location directions and detailed maps prior to the seminar.

## NORTHEAST OHIO



## RESERVATION FORM

Upon receipt of your reservation, we will send a complete confirmation packet of information including hotel information, a full agenda, introductory curriculum to review prior to coming to Canton, area maps, etc. The deadlines for registration are:

**May 7-11, 2012**

Registration deadline: April 13, 2012

**November 5-9, 2012**

Registration deadline: October 12, 2012

Please check the box of the seminar you plan to attend.

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Street Address \_\_\_\_\_

City, State Zip \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Any special dietary requests? Yes / No

If yes, please describe.

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Shirt size: S / M / L / XL / 2X / 3X

Please submit this reservation form with a check for \$1195 made payable to The Timken Corporation.

Send reservation form and check to:

Tim Myers

The Timken Company

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Mail Code: GCH-29

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