

# Level I: Mold Repair Certification - Overview

Now more than ever, the productivity of your tooling is a critical issue. However, there has been no standardized training available for those who take care of those tools. To address this, ToolingDocs has formulated a Certification program enabling attendees to learn the basics of mold tooling care.

Ideal for those who have at least one year of toolroom experience within a molding plant, ToolingDocs' new 2-day conference features hands-on bench work and classroom training at the ToolingDocs maintenance facility in Ashland, Ohio. Attendees will learn these valuable skills:

- Eight Stages of Systemized Mold Maintenance
- Mold Disassembly Practices and Techniques
- How to Develop and Implement an Effective Mold Maintenance Plan
- Basic mold terminology, shop and bench setup considerations, mold tooling component inspection, and more.

The Level I: Mold Repair Certification training conference will take place on March 16-17, 2010, at the ToolingDocs Facility in Ashland, Ohio. Due to the hands-on nature of the curriculum, space is limited to only eight participants per conference, so call 1-800-257-8369 to register today. Enrollment fee is \$1,095.00 per attendee.

Out of town attendees can contact the Holiday Inn Express Hotel & Suites in Ashland. A guaranteed room rate of \$85.00 per night has been arranged for all ToolingDocs Conference & Certification attendees. Contact details are as follows: Holiday Inn Express Hotel & Suites | 1392 Enterprise Parkway | Ashland, OH 44805 | Ph: 1-419-281-2900 | Fax: 1-419-281-5754 | [www.hiexpress.com](http://www.hiexpress.com).



## Course Registration

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Registration Fee may be charged to any one of the following credit cards:

Visa  MasterCard  American Express Card No: \_\_\_\_\_ Exp Date: \_\_\_\_\_

Cardholder's Name (Please Print): \_\_\_\_\_ Signature: \_\_\_\_\_

If paying by check, please make payable to: ToolingDocs Mail to: 235 Industrial Drive, Wauconda, IL 60084

Note: All seminar fees must be paid in full prior to the date of the seminar. Cancellation Policy: Registration may be canceled up to 10 working days prior to seminar. All fees will be refunded, minus a \$25 service charge. If cancellation notification is less than 10 days prior to seminar, a substitute may be sent from your organization or the registration fee may be transferred to another conference within twelve months.

Fax To: 1-800-462-6653

**ToolingDocs**  
Advancing Mold Performance

# Mold Repair Certification

Shown here is a detailed outline of key points from throughout the ToolingDocs Mold Repair Certification program.

## DAY ONE

**Classroom Instruction 8:00am-12:00pm**

- I. Today's Mold Repair Technician**  
Overview repair skills needed and describe how shop efficiency can be measured.
- II. Craftsmanship – There is No Substitute**  
Building and cultivating a shop of craftsmen – key issues to consider.
- III. Overview of Typical Repair Technician Tools and Toolboxes**  
The right tools for the job: necessary hand tools, their use and care.

**Afternoon Shop Session 1:00pm-5:00pm**

- IV. Shop and Bench Design Considerations**  
Designing for mold work flow – essential equipment and set-up strategies for optimal usage of space and the equipment. Includes discussion about utilities hookups, shelving, overhead hoists, coolant channels and more.
- V. Mold Disassembly Practices/Techniques**  
The pros and cons of common practices. Plate separation and positioning for ease of maintenance and mistake reduction. Ergonomics in maintenance work – The 3 power zones.

## TEST OUT - DAY ONE



## DAY TWO

**Classroom Instruction 8:00am-12:00pm**

- VI. Injection Molds and Hot Runner Function**  
How different types of molds function and critical areas to monitor and maintain; Standard mold terminology; and hot runner function and typical maintenance procedures.
- VII. Introduction to the “8 Stages of Systemized Maintenance”**  
Developing an effective mold maintenance plan including defect identification and determining corrective actions. Setting up time-based (hours, cycles, product) maintenance.

**Afternoon Shop Session 1:00pm-3:00pm**

- VIII. How to Use a Mold Maintenance Plan at the Bench**  
Implementation tools, practices and habits to develop.
- IX. Cleaning Technology for Molds**  
Hands on instruction with ultra-sonics, dry ice blasting, and plastic and glass bead media blasting.
- X. Standard Methods for Mold Tooling Component Inspection**  
Quick check methods at a bench and necessary tools; comparative analyses for tooling wear inspections.

## TEST OUT - DAY TWO

**3:00pm-4:00pm**

- XI. Final Wrap-Up**  
Attendees will close the afternoon session with a question & answer forum, individual test results, and an official presentation of Mold Repair Certificates.