

# 2015 Moldex3D eDesign 2 Day Training and Certificate

# **Upcoming Sessions**

- Feb 17-18 2015
- Apr 14-15 2015
- Jun 16-17 2015
- Aug 11-12 2015
- Oct 13-14 2015
- Dec 8-9 2015

# **Benefits of Training**

- Understanding the basics of the injection molding processes and mold design
- Understanding the capability of the molding simulation technology
- The ability to independently set up the analysis
- The ability to integrate the results of the analysis and recognize
- the potential issues and solutions of the design

#### Contact

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### **Training Agenda**

	Day 1	Day 2
9:00-12:00 AM	<ul> <li>Introduction to injection molding and mold design. Understanding of problems and solutions</li> <li>Moldex3D project analysis set up. Run first simulation on practice part.</li> </ul>	<ul> <li>Completed project is available for review.</li> <li>Personal results interpretation and discussion.</li> <li>Question and answer</li> </ul>
12:00-1:00 PM		Lunch
1:00-5:00 PM	<ul> <li>Results interpretations of the filling, packing, cooling and warpage results.</li> <li>Results discussion with question and answer.</li> <li>Preprocessing and Project set up on part brought by participant. Run analysis overnight.</li> </ul>	Certificate Program:  Final Certificate – Written Exam  Final Certificate – eDesign Skills Exam

#### **Training Overview**

#### Day 1

The first day's morning session will provide some basic information into the injection molding process and mold design, as well as an introduction to Moldex3D eDesign. Trainees will be shown the step by step process for model setup and meshing. Trainees will then be given time to get hands on practice with the software. Before leaving for lunch, trainees will begin a simulation that will be completed before returning from lunch. Upon returning, projects will have been completed and interpretations and explanations of the simulation results will follow. Highlighted key results of the data will examine the fill, pack cool and warp cycles. Once the results have been analyzed there will be discussion on how to use information gathered to improve the mold design. Before the end of the day, participants will be able to set up a project on the part that he or she brought. Simulations will run overnight and be ready for analysis the following morning.

#### Dav2

The second day's morning session will start with a results review and discussion covering the project that was run the night before on the participant's part. Because the results will be different, a Moldex3D team member will personally cover the results individually. Trainees will be able to ask questions and gain insight into how to properly analyze and interpret results and understand how to apply these insights into normal operations. The afternoon session will consist of the Moldex3D eDesign certification examination. There are two parts to the examination. The first part is an in class written examination. Trainees will need to score higher than 70%, answering at least 28 out of 40 questions correctly. The second part is a hands-on eDesign skill test. Trainees will need to run a comparative study based on designated analysis objectives.

#### Time

9:00am - 5:00pm

# **Expense**

\$1,200 / person

#### Location

27725 Stansbury Blvd., Suite 190 Farmington Hills, MI 48334

# **Payment Method**

- Check
- Cash
- Credit Card (Visa and MasterCard)











