Moldex3D

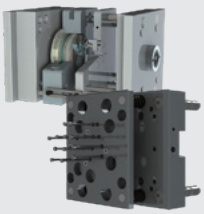
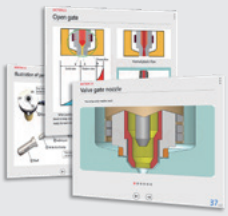
Plastics E-learning

Meet Your Personal Digital Tutor Become an Expert in no Time

Injection molding is a profound topic that can take years to master. That is why we launched Moldex3D Plastics E-learning (MPE) for newcomers like you. MPE is a digital learning platform that helps you being stronger in the injection molding industry. You can learn all necessary knowledge from our Moldex3D experts about what they do and don't in real cases. The shortest path for you to become a professional!

www.moldex3d.com

Who needs MPE

A thorough introduction of injection molding machine	Comprehensive analysis of the injection machine	Detailed introduction of hot runner theory and examples	Understand every step in injection molding development procedure
			
See every detail in a glance	Know your way around injection machine operations and settings	Explore the benefits and of using hot runner	Build solid knowledge and product development process

- Graduates who want to prepare for actual working environment and skills in advance
- Practitioners who want to change their career and acquire further professional knowledge and skills
- Management looking for learning materials for newcomers

MPE Course Introduction

Subject		Learning Goals	Contents
eClass1	Development of Molding Injection	It delivers the basics of injection molding and the process of development in 7 chapters. To learn how to design products and how to improve the quality for the mass production.	1. Introduction to the process of product development. 2. The basics of molding materials. 3. Mold development and design. 4. The application to the molding machine. 5. Product molding and common problem solving.
eClass2	The Operations of Molding Machines	To understand the settings and structure of the molding machine by operating the interactive virtual molding machine.	1. Basic knowledge of Injection. 2. Introduction to the process of tooling. 3. The setting of primary parameters. 4. To operate the virtual injection molding machine.
eClass3	Hot Runner	It illustrates the basic theory, benefits and advantages of hot runner by case studies.	1. Introduction to the theory of hot runner molding. 2. Introduction to the structure of hot runner and case studies.
eClass4	The Structure of Molds and Case Study	Case studies for product design, mold design, parameter adjustment, and the valuation and planning of materials.	1. To learn the concept of the process from design to production by case studies. 2. To verify the theory analysis by the application.
eClass5	Molding Machine Operation	Through 3D machine and mold trial workflow, users can get real feedback like on-site operation, and quickly accumulate practical experience.	1. The structure of injection molding machine. 2. Injection molding machine operation. 3. Control panel operation. 4. Experience mold tryout workflow.
eClass6	Quiz	Through the examination of the examination questions, to verify the learner's understanding of the relevant knowledge of the injection machine.	1. Injection molding development process. 2. Hot runner system theory and application. 3. Molding machine operation.

MPE & MPEs

MPE

- Design for company's internal server system network connection.
- Applicable to the company' s external network control mechanism and local installation.

MPEs

- Web-based system. No installation and hardware maintenance. High-speed implement. Updating latest course without waiting.
- Individual subscriptions. Perfect for cross-device learning and practice high-level self-study planning.

System Requirements

MPE Server Requirements	Platform	Windows – Windows 10, Server 2016, 2019
	Hardware	Minimum — Intel® Core i7 processor, 16 GB RAM, HDD 200GB or above
		Suggested — Intel® Xeon 8 core or above, 64 GB RAM, SSD 200GB or above
MPEs System Requirements	Supported Version	Mozilla Firefox 67, Google Chrome 75, Apple Safari 12, MS Edge 18 Certain older graphics cards may not support WebGL 1.0. For more information, please see: https://wiki.mozilla.org/Blocklisting/Blocked_Graphics_Drivers https://www.khronos.org/webgl/wiki/BlacklistsAndWhitelists

Moldex3D

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