



SCIENTIFIC INJECTION MOLDING

Professional Certification Training Portal

Looking for a reliable, cost-effective way to train and benchmark your employees? Here it is.

A Professional Certification Portal from Routsis Training delivers essential eLearning to your entire workforce. Their newfound knowledge and skills translate directly into increased productivity and profitability for your company. Your new in-house employee development system comes pre-configured with powerful online training, hands-on SkillSet™ labs, and Professional Certification exams.

How does the Professional Certification Training Portal work?

We'll help you determine the number of active seats you need and set everything up for you. Your employees can start training almost immediately. Once a participant has successfully completed the exam, their seat can be used to train another employee. Over time, this “rolling” registration system can be used to train all your employees — while subscribing to a set number of active seats.

Why is Professional Certification important?

Most people in our industry understand that proper training is critical. But companies need benchmarks to verify a particular employee has the requisite knowledge to perform their job well. Furthermore, having a certified workforce gives management confidence their employees can rise to the challenges of a modern manufacturing environment. A structured in-house training and certification program shows your customers you're committed to continuous quality improvement.



 **Routsis Training**
Hands-on. Online. Ongoing.



Injection Molding 101 ** essential for any employee

6-12 hours of training

- 6 Online Courses + Study Guides
- Injection Molding 101 Test
- Available in 6 different languages



Injection Molding Maintenance for all Maintenance Employees

25-50 hours of training

- 27 Online Courses + Study Guides
- Injection Molding Maintenance Exam



Injection Mold Setter * for Die Setters & Technicians

25-50 hours of training

- 20 Online Courses + Study Guides
- 5 SkillSet™ Labs & Worksheets
- Injection Molding 101 Test
- Injection Mold Setter Exam



Injection Molding Quality for all Quality Employees

25-50 hours of training

- 17 Online Courses + Study Guides
- 14 SkillSet™ Labs & Worksheets
- Injection Molding 101 Test
- Injection Molding Quality Exam



Injection Molding Professional * for Techs, Supervisors & Managers

25-50 hours of training

- 20 Online Courses + Study Guides
- 5 SkillSet™ Labs & Worksheets
- Injection Molding 101 Test
- Injection Molding Professional Exam



Advanced Scientific Molding for Process Techs & Engineers

60-120 hours of training

- 49 Online Courses + Study Guides
- 18 SkillSet™ Labs & Worksheets
- Injection Molding 101 Test
- 4 Certification Exams
- Advanced Skills Demonstration



Injection Molding Engineer * for Process Techs & Engineers

50-100 hours of training

- 27 Online Courses + Study Guides
- 31 SkillSet™ Labs & Worksheets
- Injection Molding 101 Test
- 2 Certification Exams



Scientific Molding Guru for Process Engineers

60-120 hours of training

- 49 Online Courses + Study Guides
- 45 SkillSet™ Labs & Worksheets
- Injection Molding 101 Test
- All Certification Exams
- Advanced Skills Demonstration

Need Even More Training?

Any of Routsis Training's Injection Molding, Extrusion, Blow Molding, and Design courses can be easily added to your portal. We also offer Content Licensing for companies with their own Learning Management System (LMS). Just let us know and we'll help you develop the ideal in-house training system for your facility.



A Powerful In-House Training Solution with Eight Distinct Learning Paths

Your new Certification Portal comes pre-configured with multiple learning paths. Each path delivers the perfect combination of online courses, hands-on worksheets, and examinations — ensuring all your employees can confidently demonstrate their knowledge and skills.

		Injection Molding 101 **	Injection Mold Setter *	Injection Molding Professional *	Injection Molding Engineer *	Injection Molding Maintenance	Injection Molding Quality	Advanced Scientific Molding	Scientific Molding Guru
Online Courses	Introduction to Injection Molding **	✓	✓	✓	✓		✓	✓	✓
	Injection Molding Basics ** <i>3 courses</i>	✓	✓	✓	✓	✓	✓	✓	✓
	Understanding Plastic Materials **	✓	✓	✓	✓		✓	✓	✓
	Establishing a Scientific Molding Process **	✓	✓	✓	✓	✓	✓	✓	✓
	Material Drying Technology * <i>2 courses</i>		✓	✓	✓	✓	✓	✓	✓
	Injection Mold Maintenance *		✓	✓	✓	✓		✓	✓
	Processing Parameters * <i>3 courses</i>		✓	✓	✓	✓		✓	✓
	Automation & Robotics * <i>2 courses</i>		✓		✓	✓		✓	✓
	Purging: Intermediate * <i>2 courses</i>		✓		✓	✓		✓	✓
	Injection Mold Setup * <i>2 courses</i>		✓		✓			✓	✓
	Scientific Process Documentation *		✓		✓		✓	✓	✓
	Electric Injection Molding * <i>2 courses</i>		✓	✓	✓	✓		✓	✓
	Math for Scientific Molders * <i>2 courses</i>			✓	✓	✓	✓	✓	✓
	Scientific Troubleshooting * <i>4 courses</i>			✓	✓			✓	✓
	Blueprint Reading <i>6 courses</i>					✓	✓	✓	✓
	Machine Maintenance & Hydraulics <i>4 courses</i>					✓		✓	✓
	Purging: Advanced <i>2 courses</i>							✓	✓
Processing for Profit							✓	✓	
Mold Design & Moldmaking <i>9 courses</i>							✓	✓	
SkillSet™ Hands-on Labs / Worksheets	The 5S System * <i>5 labs / worksheets</i>		✓	✓	✓			✓	✓
	Scientific Molding: Intermediate ** <i>13 labs / worksheets</i>				✓			✓	✓
	Scientific Molding: Advanced ** <i>13 labs / worksheets</i>				✓				✓
	Measuring Tools <i>14 labs / worksheets</i>						✓		✓
Benchmarking Tests & Certification Exams	Injection Molding 101 Test **	✓	✓	✓	✓		✓	✓	✓
	Injection Mold Setter Exam *		✓		✓			✓	✓
	Injection Molding Professional Exam *			✓	✓			✓	✓
	Injection Molding Maintenance Exam					✓		✓	✓
	Injection Molding Quality Exam						✓		✓
	Advanced Scientific Molding Exam							✓	✓
	Advanced Skills Demonstration							✓	✓

* available in Spanish

** available in Spanish, French, Portuguese, Bahasa Malaysia & Mandarin Chinese



Routsis Training

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