



Professional Certification TRAINING PORTALS

for Scientific Injection Molding

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

A **Professional Certification Portal** delivers essential eLearning to your entire workforce — with skills that translate directly into increased product quality and profitability. Your new “Cert Portal” comes pre-configured with our most effective online courses and hands-on SkillSet™ training labs.

Fundamental Courses

All participants begin with the basics. Our “101” course grouping establishes a consistent knowledgebase for your facility while emphasizing all aspects of safety. These courses cover the equipment and process — using the production terminology and concepts that every employee should learn.

Ideal for getting new hires up to speed quickly, these courses are also a great way to ensure all employees are “speaking the same language” on your production floor, irrespective of their experience level.

Professional Certification Tracks

While the Fundamental Training often suffices for non-technical employees, other job positions demand particular knowledge and skills. The courses in our Certification learning tracks cover process parameters, lean manufacturing, troubleshooting, and other more advanced topics — ensuring your technical staff’s competency on the production floor.

After completing the training assignments, your employees can demonstrate their knowledge by successfully completing the **Certification Exam** that corresponds to their learning track.

Our Scientific Injection Molding portals provide the following certification paths for your personnel:



**MOLDING
PROFESSIONAL**



**INJECTION
MOLD SETTER**



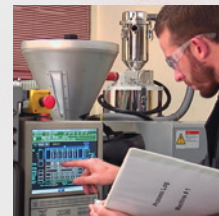
**MOLDING
QUALITY**



**MOLDING
MAINTENANCE**



**ADVANCED
PROCESSOR**



Routsis Training
Hands-on. Online. Ongoing.

379 Amherst Street PMB 233 | Nashua, NH 03063

(978) 957-0700

www.traininteractive.com



One Training System, Six Learning Tracks.

	Fundamental	Professional	Mold Setter	Maintenance	Quality	Advanced
Introduction to Injection Molding	✓	✓	✓		✓	✓
Injection Molding Basics	✓	✓	✓	✓	✓	✓
Understanding Plastic Materials	✓	✓	✓		✓	✓
Estab. a Scientific Molding Process	✓	✓	✓		✓	✓
Scientific Molding 101 Benchmark Test	✓	✓	✓		✓	✓
Material Drying Technology		✓	✓	✓	✓	✓
Injection Mold Maintenance		✓	✓	✓		✓
Processing Parameters		✓	✓	✓		✓
Math for Scientific Molders		✓		✓	✓	✓
Electric Injection Molding Machines		✓		✓		✓
Scientific Troubleshooting		✓				✓
5S System SkillSet™ Labs		✓	✓			✓
Injection Mold Setup			✓			✓
Scientific Process Documentation			✓		✓	✓
Automation & Robotics			✓	✓		✓
Purging for Scientific Molders			✓	✓		✓
Molding Machine Maintenance				✓		✓
Injection Molding Hydraulics				✓		✓
Blueprint Reading Series				✓	✓	✓
Measuring Tools SkillSet™ Labs					✓	
Processing For Profit						✓
Mold Design & Moldmaking Series						✓
Intermediate Scientific SkillSet™ Labs						✓
Injection Molding Professional Exam		✓				✓
Injection Mold Setter Exam			✓			
Injection Molding Maintenance Exam				✓		
Injection Molding Quality Exam					✓	
Advanced Scientific Processor Exam						✓

Fundamental Learning Track

6-12 hours of training time

- 6 Online Courses + Study Guides
- Scientific Molding 101 Benchmark Test

Injection Molding Professional

25-50 hours of training time

- 20 Online Courses + Study Guides
- 5 Hands-on SkillSet™ Labs & Worksheets
- Scientific Molding 101 Benchmark Test
- Certification Exam for Injection Molding Professionals

Injection Mold Setter

25-50 hours of training time

- 19 Online Courses + Study Guides
- 5 Hands-on SkillSet™ Labs & Worksheets
- Scientific Molding 101 Benchmark Test
- Certification Exam for Injection Mold Setters

Injection Molding Maintenance

25-50 hours of training time

- 23 Online Courses + Study Guides
- Scientific Molding 101 Benchmark Test
- Certification Exam for Injection Molding Maintenance

Injection Molding Quality

25-50 hours of training time

- 17 Online Courses + Study Guides
- 14 Hands-on SkillSet™ Labs & Worksheets
- Scientific Molding 101 Benchmark Test
- Certification Exam for Injection Molding Quality

Advanced Scientific Processor

50-100 hours of training time

- 46 Online Courses + Study Guides
- 18 Hands-on SkillSet™ Labs & Worksheets
- Scientific Molding 101 Benchmark Test
- Certification Exam for Injection Molding Professionals
- Certification Exam for Advanced Scientific Processors: Online Test + Hands-on Evaluation