R. DRU LAWS, industry leader and operations expert, graduated from Brigham Young University with a BS in Mechanical Engineering, and a minor in Mathematics. He graduated top of his class with distinction (honors) from the Queen’s University of Belfast in Northern Ireland with an MSc in Polymer Engineering, emphasizing in Rotational Molding.

Laws has several polymer process related patents and has guest-lectured at several universities on the subject. He has directed Chroma Corporation’s Rotational Molding Center of Excellence, managed the operations for Rotonics Manufacturing, and led Seljan Company’s entire plastics division.

He has served as a Counselor for the SPE Rotational Molding Division, and has spent the last decade on ARM’s Board of Directors (currently past president). Laws regularly contributes articles to plastic publications and participates as a presenter at conferences worldwide. He conducted and hosted several process workshops, helping manufacturers around the world better understand the principles of Polymer Foaming & Process Control. He published a 50-page technical resource guide on Rotational Foam Molding, which is now in its second edition.

Laws is currently CEO of Halltech Systems, as well as a senior member of the executive team for Titan Fuel Tanks & Tango Manufacturing.
In-Line Gas Shuttle is used in this workshop.

A new STP Rotomachinery Inc. LRM 1500 Laboratory NEW MACHINE experience.

Designed for supervisors, lead operators, technicians, molding, and final part quality. Participants will explore the latest materials and industry advancements.

This two-day workshop offers specialized hands-on lessons in rotational molding, led by industry leader R. Dru Laws. The workshop will highlight the connection between material preparation, molding, and final part quality. Participants will explore the latest materials and industry advancements.

NEW MACHINE

A new STP Rotomachinery Inc. LRM 1500 Laboratory In-Line Gas Shuttle is used in this workshop.

WORKSHOP DETAILS

Shell Polymers Rotational Molding Center of Excellence was established in 2019 at Pennsylvania College of Technology to support applied research and development in the rotomolding industry.

The Rotational Molding & Advanced Materials Workshop is an opportunity for industry professionals to take advantage of the resources at the Center while boosting their skillset with advanced training and collaborating with others in their field.

This two-day workshop offers specialized hands-on lessons in rotational molding, led by industry leader and operations expert R. Dru Laws. The workshop will highlight the connection between material preparation, molding, and final part quality. Participants will explore the latest materials and industry advancements.

Designed for supervisors, lead operators, technicians, and engineers, this specialized offering will encourage networking to allow professionals to share industry experience.

NEW MACHINE

A new STP Rotomachinery Inc. LRM 1500 Laboratory In-Line Gas Shuttle is used in this workshop.

**CLASSROOM**

**SESSION 1**
• Rotational molding
• Developments in molding technology

**SESSION 2**
• Molding from inside the mold (process controls and in-mold videos)
• Bubble formation and removal (material properties, venting, and pressure)

**SESSION 3**
• Basic mechanisms of shrinkage and warpage
• Contributing factors to shrinkage and warpage
• Control factors (before, during, and after molding)

**SESSION 4**
• Range of material available for rotomolding and new developments (classroom session)
• Multi-layer molding with two-layer solid and foam cross sections (demonstration).

**WALKTHROUGH**

The workshop has given me the knowledge and tools to be able to troubleshoot issues at my company. It was extremely useful coming from a non-plastic background.

Sean Mazuchowski, Quality Engineer

Dutchland Plastics, Oostburg, WI

*Great course. Not only learned a lot during the course from the instructors, but also through discussion with others in the class as well.*

Jeremy Groves, Master Mold Maker, CFS Brands, Oklahoma City, OK

**STRATEGIC PARTNERS**

Association of Rotational Molders (ARM) promotes rotational molding worldwide and provides the tools to make good rotomolders and their suppliers great. The association provides sales and marketing assistance, holds annual and regional meetings, distributes technical publications and newsletters, and much more. For information on ARM, visit www.rotomolding.org.

The SPE Rotomolding Division is comprised of a prestigious group of scientists, engineers, educators, and professionals who continually advise the industry.

**REGISTRATION**

Pre-registration is required, and includes course instruction with handout materials, morning refreshments, and lunch for two days. A complimentary networking dinner will be held on day one. Registrants are responsible for all other meals and lodging.

Registration is limited and on a first-come, first-served basis. Please wait for confirmation of enrollment before booking your flight.

**LOCATION**

Pennsylvania College of Technology

Brander Advanced Technology & Health Sciences Center (ATHS), Room EM140

206 College Avenue, Williamsport, PA 17701

**DATES & TIMES**

May 11 & 12, 2022

Wednesday & Thursday, 8:30 a.m.–4:30 p.m.

**COST & REGISTRATION**

$1,095 ($995 if registered by April 4, 2022)

The registration fee may be paid by check, MasterCard, Visa, Discover, purchase order, or authorization to invoice your company.

Register online at pct.edu/pirc or call 570.321.5533.

**HOTELS**

Registrants are responsible for making their own lodging arrangements. Registrants will receive a confirmation email with information on hotel room blocks with discounted rates at participating hotels.

**AIRPORTS**

The Williamsport Regional Airport (PJT) provides commuter air service via American Airlines through Philadelphia, PA. Free shuttle service will be provided to and from the Williamsport Regional Airport, hotel, and College by our preferred hotels. A car rental (before 11 p.m.). Other airport options, with approximate driving times (rental car needed):

- University Park (SCV) – 1 hour
- Wilkes-Barre/Scranton International (AVP) – 1.5 hours
- Elmira/Corning (NY) Regional (ELM) – 1.5 hours
- Harrisburg International (MDT) – 2 hours
- Philadelphia International (PHL) – 3 hours

**APPROPRIATE DRESS**

Causal business/jeans attire is recommended for plastics processing and testing lab. Safety glasses will be provided.

*Present airline operation may vary.*