

# ASC

# POLYURETHANE SHORT COURSE

APRIL 23-24, 2018 • HYATT REGENCY MIAMI • MIAMI, FLORIDA

*Co-located with the 2018 Annual Spring Convention & EXPO in Miami, Florida.*

## Course Description

Polyurethanes are one of the most versatile chemistries used in many adhesive applications due to their outstanding ability to bond a variety of substrates in both rigid and flexible applications. With versatility, however, comes complexity. Optimization of urethane technology is enhanced by a thorough understanding of the reactions between isocyanates, diols, chain extenders and the resulting morphology. This intensive two day short course will cover the chemistry and technology behind 1 and 2 part polyurethane adhesives and sealants including markets, raw materials, reactions, formulating, fundamentals of adhesion, polymer science and physical testing. The content, delivered by experts in the field, along with discussions and networking of peers, suppliers, and manufacturers will present an opportunity to advance your knowledge on how to design, select, apply and trouble shoot polyurethane adhesive package and ultimately add to your bottom line.

The Polyurethane Short Course is designed to provide technical professionals a better understanding of the chemistry, technology and fundamentals of polyurethane adhesive and sealants. A knowledge of chemistry is required for full appreciation of course content. Technically oriented business professionals will broaden their knowledge, expand their network and meet the next movers and shakers in the supplier, formulating and end user community.

Participants are invited to attend the ASC EXPO being held on at no additional charge to network with the industry and learn about the latest innovations in the industry.

## Program Topics (tentative)

- Adhesives & Sealants — Polyurethane Overview
- Polyurethane Chemistry
- Fundamentals of Adhesion Part I & II
- Structure/Property Relations of Polyurethane Adhesives & Sealants
- Physical Testing of Adhesives & Sealants
- Polyurethane Hot Melts
- Polyurethane Dispersions
- Silane Terminated Resin & Polyurethane Sealants
- 1K and 2K Polyurethane Systems
- Polyurethanes in Construction
- Polyurethanes in Assembly
- Polyurethane Application Equipment
- Foam Sealants

## Registration Fees:

**Short Course ONLY:** ASC Member/End-User: \$725 • Nonmember: \$1,100

**Short Course with Convention:** ASC Member/End-User: \$1,175 • Nonmember: \$1,900

## Accommodations\*:

Hyatt Regency Miami, Miami, Florida • (305) 679-3046

\*Special group rate of \$209 single/double occupancy before March 30, 2018.

## SPEAKING OPPORTUNITIES!

Share your knowledge  
and expertise by  
presenting at this short  
course. For inclusion,  
contact Connie Howe at  
[connie.howe@ascouncil.org](mailto:connie.howe@ascouncil.org)  
or Malinda Armstrong at  
[Malinda.amrstrong@ascouncil.org](mailto:Malinda.amrstrong@ascouncil.org).

ONE OF TWO

ASC  
2018 SPRING  
SHORT COURSES

**Learn more or Register at [www.ascouncil.org](http://www.ascouncil.org)  
under "Events" tab on the home page.**

To learn more, contact Connie Howe at (301) 986-9700 x104 or [connie.howe@ascouncil.org](mailto:connie.howe@ascouncil.org)