



POLYURETHANE SHORT COURSE

APRIL 19-20, 2027 • JW MARRIOTT TAMPA WATER STREET • TAMPA, FLORIDA

***Co-located with the 2027 Annual Convention & EXPO
in Tampa, Florida***

WHO SHOULD ATTEND:

This course provides technical professionals with a solid understanding of chemistry, technology, and fundamentals of polyurethane adhesives and sealants. A foundational knowledge of chemistry is recommended to fully benefit from the course content. Participants will deepen their technical expertise, expand their professional networks, and engage with industry leaders across the supplier, formulation, and end-user organizations.

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

SPEAKING OPPORTUNITIES!

If you would like to present at the Short Course, contact Mani Singh at mani.singh@ascouncil.org or you have general questions, contact Malinda Armstrong, CMP at Malinda.amrstrong@ascouncil.org.



Course Description

Polyurethanes are among the most versatile chemistries used in adhesive applications, offering exceptional bonding performance across a wide range of substrates in both rigid and flexible systems. This versatility, however, introduces formulation complexity. Optimizing polyurethane technology requires a solid understanding of the interactions between isocyanates, polyols, chain extenders, and the resulting polymer morphology.

This intensive 1.5-day course provides a comprehensive overview of the chemistry and technology behind one- and two-component polyurethane adhesives and sealants. Topics include markets, raw materials, reaction mechanisms, formulation principles, adhesion fundamentals, polymer science, and physical testing. Led by industry experts, the course combines technical instruction with opportunities to engage with peers, suppliers, and manufacturers. Participants will gain practical knowledge to design, select, apply, and troubleshoot polyurethane adhesive systems, helping drive improved product performance and business results.

Tentative Program Topics:

- Polyurethane Market Overview
- PU Chemistry & Structure Property Relationships
- Physical Testing of Adhesives & Sealants
- Thermal Analysis of Polyurethanes
- STP Resins & Applications
- Biobased PU & Applications
- PU Dispersions
- PU Hot Melts
- PU End Use Applications

**presentation titles are subject to change*

Registration Fees:

Short Course ONLY: ASC Member/End-User: \$825 • Nonmember: \$1,280 • Student: \$350

Short Course with Convention COMBO (early bird ends 02/26/2027):

Early bird: ASC Member/End-User: \$1,225 • Nonmember: \$2,050 • Student \$700

Regular: ASC Member/End-User: \$1,325 • Nonmember: \$2,150 • Student \$700

NOTE: if you are registering for the convention and the short course you **MUST** select the 'Convention Combo Fee' to register for the convention at the discounted rate.

**Early bird combo rates expire on February 26, 2027. No refunds after March 26, 2027. On-site registrations are welcome.*

Accommodations:

JW Marriott Tampa Water Street, 510 Water Street, Tampa, FL 33602 • 1-888-591-1234

**Reference the "ASC 2027 Annual Convention." Special group rate: \$339 single/double occupancy*

Hotel Reservation Deadline: March 29, 2027

No refunds after 3/26/2027 due to hotel policy. Reservations, however, can be transferred to another attendee.

View course details and register at www.ascouncil.org