

# TEC402 Roofing Design: Understanding Architectural Specifications and Building Code Agenda

## Day 1

Time	Topics
9:00 AM – 10:30 AM	<p>Welcome</p> <ul style="list-style-type: none"> <li>Logistics</li> </ul> <p>Architectural Specification Focus</p> <ul style="list-style-type: none"> <li>Quality Assurance Section (Fire Testing)</li> <li>Warranty Section (Coverage)</li> <li>Performance Section (Material Testing &amp; Assembly Uplift Testing)</li> </ul> <p>International Building Code (IBC) – Assembly Installation Requirements American Society of Civil Engineers (ASCE 7) – (Basics)</p>
10:30 AM – 12:00 PM	<ul style="list-style-type: none"> <li>Hands-on: ANSI/FM 4474 Uplift Testing</li> </ul>
12:00 PM – 1:00 PM	Lunch
1:00 PM – 3:00 PM	<p>Industry Warranties</p> <ul style="list-style-type: none"> <li>Wind Speed</li> <li>Phrases</li> </ul> <p>Industry Examples (Case Studies) Metal Edging and Testing FM Global – 1-28 &amp; 1-29</p>
3:00 PM – 4:00 PM	<p>Website Tools</p> <ul style="list-style-type: none"> <li>RoofNav</li> <li>UL Directory</li> <li>DORA</li> <li>ATC Council Website</li> <li>ASCE 7 Calculator Tools</li> </ul> <p>Conclusion/Wrap-up</p>