

2025 TechCon Tutorial Schedule

updated April 18, 2025

Saturday, May 17, 2025

- | | | |
|-------|---|-----------------|
| C-103 | An Introduction to Physical Vapor Deposition (PVD) Processes <i>Morse</i> | 9:30AM - 5:30PM |
| | Professional: \$690 or Student/Young Member: \$280 | |
| C-310 | Sputtering <i>Bandorf</i> | 9:30AM - 5:30PM |
| | Professional: \$690 or Student/Young Member: \$280 | |
| C-333 | Practice and Applications of High Power Impulse Magnetron Sputtering <i>Ehiasarian/Gerdes</i> | 9:30AM - 5:30PM |
| | Professional: \$690 or Student/Young Member: \$280 | |

2025 TechCon Tutorial Schedule

updated April 18, 2025

Sunday, May 18, 2025

- | | |
|--|-----------------|
| C-212 Troubleshooting for Thin Film Deposition Processes – Session 1 <i>Miller</i> | 9:30AM - 5:30PM |
| Professional: \$690 or Student/Young Member: \$280 | |
| C-218 Advanced Design of Optical Thin Films <i>Willey (Pre-recorded tutorial)</i> | 9:30AM - 5:30PM |
| Professional: \$690 or Student/Young Member: \$280 | |
| C-323 Fundamentals of High Power Impulse Magnetron Sputtering (HIPIMS) <i>Ehiasarian</i> | 9:30AM - 5:30PM |
| Professional: \$690 or Student/Young Member: \$280 | |
| C-338 Application of Reactive Sputtering <i>Bandorf/Gerdes</i> | 9:30AM - 5:30PM |
| Professional: \$690 or Student/Young Member: \$280 | |
| M-240 Basics and Applications of Electron Beam Technology for Manufacturing Processes
<i>Saager</i> PM | 2:00PM – 5:30PM |
| Professional: \$470 or Student/Young Member: \$180 | |

2025 TechCon Tutorial Schedule

updated April 18, 2025

Monday, May 19, 2025

C-110	Materials for PVD Applications <i>Pernagidis/Ghailane</i> New!	9:30AM – 5:30PM
	Professional: \$690 or Student/Young Member: \$280	
C-220	Introduction to Two-Dimensional Materials <i>Muratore</i> AM	9:30AM - 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-110	Introduction to X-Ray Photoelectron Spectroscopy <i>Linford</i> AM New!	9:30AM - 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-140	Mass Flow Controllers: Fundamentals, Troubleshooting, and Calibration <i>Lewey</i> AM	9:30AM - 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-201	Flexible Electronics <i>Muratore</i> PM	2:00PM - 5:30PM
	Professional: \$470 or Student/Young Member: \$180	
M-210	Introduction to Solid-State Thin Film Batteries <i>Gaines</i> PM	2:00PM - 5:30PM
	Professional: \$470 or Student/Young Member: \$180	
M-250	Deposition Process Simulation <i>Gerdes</i> PM	2:00PM - 5:30PM
	Professional: \$470 or Student/Young Member: \$180	
VT-240	Practical Elements of Leak Detection <i>Deluca</i>	9:30AM - 5:30PM
	Professional: \$690 or Student/Young Member: \$280	

2025 TechCon Tutorial Schedule

updated April 18, 2025

Tuesday, May 20, 2025

C-210	Introduction to Plasma Processing Technology Baránková/Bárdos AM	9:30AM - 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-214	Thin Film Debugging and Optimization Willey (Pre-recorded tutorial) AM	9:30AM - 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-230	Processing of Plastics for Better Protection, Reflection, and Decoration Soper/Vergason AM	9:30AM - 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-306	Non-Conventional Plasma Sources and Methods in Processing Technology Baránková/Bárdos PM	2:00PM - 5:30PM
	Professional: \$470 or Student/Young Member: \$180	
C-337	ITO and Alternative TCO: From Fundamentals to Controlling Properties Bright	9:30AM - 5:30PM
	Professional: \$690 or Student/Young Member: \$280	
M-102	Introduction to Ellipsometry Hilfiker PM	2:00PM - 5:30PM
	Professional: \$470 or Student/Young Member: \$180	
VT-230	Design and Specification of Vacuum Deposition Systems Belan	9:30AM - 5:30PM
	Professional: \$690 or Student/Young Member: \$280	

2025 TechCon Tutorial Schedule updated April 18, 2025

Wednesday, May 21, 2025

- C-204 [Basics of Vacuum Web Coating](#) *Simmons* **AM** 9:30AM - 1:00PM
Professional: \$470 or Student/Young Member: \$180
- C-217 [Practical Production of Optical Thin Films](#) *Willey (Pre-recorded tutorial)* 9:30AM - 5:30PM
Professional: \$690 or Student/Young Member: \$280
- C-316 [Introduction to Atomic Layer Deposition \(ALD\) Processes, Chemistries, and Applications](#) *Biyikli* 9:30AM - 5:30PM
Professional: \$690 or Student/Young Member: \$280
- C-320 [Diamond-Like Carbon Coatings – From Basics to Industrial Realization](#) 2:00PM - 5:30PM
Savva/Haubold/Keunecke/Stein/Petzold **PM**
Professional: \$470 or Student/Young Member: \$180

2025 TechCon Tutorial Schedule updated April 18, 2025

Thursday, May 22, 2025

- C-212 [Troubleshooting for Thin Film Deposition Processes – Session 2](#) *Miller* 9:30AM - 5:30PM
Professional: \$690 or Student/Young Member: \$280
- C-322 [Characterization of Thick Films, Thin Films and Surfaces](#) *Christensen* 9:30AM - 5:30PM
Professional: \$690 or Student/Young Member: \$280
- M-120 [Design of Experiments for R&D](#) *Grace* 9:30AM - 5:30PM
Professional: \$690 or Student/Young Member: \$280