

2026 TechCon Tutorial Schedule

updated December 5, 2025

Sunday, April 26, 2026

B-140	Level Up: Career and Commercial Skills for Emerging Talent in the PVD Industry Hurkmans/Sanchez/Wäckerlin Professional: \$0 or Student/Young Member: \$0	6:30PM – 10:00PM
C-103	An Introduction to Physical Vapor Deposition (PVD) Processes Morse Professional: \$690 or Student/Young Member: \$280	9:30AM – 5:00PM
C-110	Materials for PVD Applications Pernagidis/Ghailane Professional: \$690 or Student/Young Member: \$280	9:30AM – 5:00PM
C-230	Processing of Plastics for Better Protection, Reflection, and Decoration Soper/Vergason AM Professional: \$470 or Student/Young Member: \$180	9:30AM – 1:00PM
C-310	Sputtering Bandorf Professional: \$690 or Student/Young Member: \$280	9:30AM – 5:00PM
C-323	Fundamentals of High Power Impulse Magnetron Sputtering (HIPIMS) Ehasarian Professional: \$690 or Student/Young Member: \$280	9:30AM – 5:00PM
M-102	Introduction to Ellipsometry Hilfiker PM Professional: \$470 or Student/Young Member: \$180	1:30PM – 5:00PM
M-150	Cleaning Fundamentals for Coating Applications Wheeler AM New! Professional: \$470 or Student/Young Member: \$180	9:30AM – 1:00PM
M-250	Deposition Process Simulation Gerdes/Barton PM Professional: \$470 or Student/Young Member: \$180	1:30PM – 5:00PM
VT-201	Vacuum Systems, Materials and Operation O'Hanlon Professional: \$690 or Student/Young Member: \$280	9:30AM – 5:00PM

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Monday, April 27, 2026

C-201	Electron Beam Evaporation for Thin Film Deposition	Belan	AM New!	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180			
C-220	Introduction to Two-Dimensional Materials	Muratore	AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180			
M-110	Introduction to X-Ray Photoelectron Spectroscopy	Linford	AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180			
M-120	Design of Experiments for R&D	Grace		9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280			
M-201	Flexible Electronics	Muratore	PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180			
M-230	Nanoscale Heat Transfer in Thin Films and Interfaces	Hopkins	PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180			
VT-203	Understanding and Using Residual Gas Analyzers	O'Hanlon		9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280			

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Tuesday, April 28, 2026

C-205	Introduction to Optical Coating Design <i>Sargent</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-210	Introduction to Plasma Processing Technology <i>Baráňková/Bárdos</i> AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-245	Industrial Broad Beam Ion Sources <i>Rubin</i> AM New!	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-306	Non-Conventional Plasma Sources and Methods in Processing Technology <i>Baráňková/Bárdos</i> PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-337	ITO and Alternative TCO: From Fundamentals to Controlling Properties <i>Bright</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
VT-230	Design and Specification of Vacuum Deposition Systems <i>Belan</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
VT-240	Practical Elements of Leak Detection <i>Deluca</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	

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Wednesday, April 29, 2026

C-212	Troubleshooting for Thin Film Deposition Processes Vohra	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-316	Introduction to Atomic Layer Deposition (ALD) Processes, Chemistries, and Applications Biyikli	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-320	Diamond-Like Carbon Coatings – From Basics to Industrial Realization Savva/Haubold/Keunecke/Stein PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-322	Characterization of Thick Films, Thin Films and Surfaces Christensen	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-329	Properties and Applications of Tribological Coatings Doll/Matthews	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-338	Application of Reactive Sputtering Bandorf/Gerdes	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
M-103	In Situ Spectroscopic Ellipsometry Pribil PM New!	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-240	Basics and Applications of Electron Beam Technology for Manufacturing Processes Saager AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-260	Advanced Packaging Banerjee PM New!	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
VT-245	Hands-On Helium Mass Spectrometer Leak Detection – Session 1 Deluca/Ridenour AM New!	9:30AM – 11:30AM
	Professional: \$470 or Student/Young Member: \$180	
VT-245	Hands-On Helium Mass Spectrometer Leak Detection – Session 2 Deluca/Ridenour PM New!	12:00PM – 2:00PM
	Professional: \$470 or Student/Young Member: \$180	

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Thursday, April 30, 2026

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|-------|---|----------------|-----------|-----------------|
| C-204 | Basics of Vacuum Web Coating | <i>Simmons</i> | AM | 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-210 | Introduction to Solid-State Thin Film Batteries | <i>Gaines</i> | AM | 9:30AM – 1:00PM |
| | Professional: \$470 or Student/Young Member: \$180 | | | |