

2026 TechCon Tutorial Schedule

updated October 2, 2025

Sunday, April 26, 2026

B140	Level Up: Career and Commercial Skills for Emerging Talent in the PVD Industry	6:30PM – 10:00PM
	Professional: \$0 or Student/Young Member: \$0	
C-103	An Introduction to Physical Vapor Deposition (PVD) Processes Morse	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-110	Materials for PVD Applications Pernagidis/Ghailane	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
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-310	Sputtering Bandorf	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-323	Fundamentals of High Power Impulse Magnetron Sputtering (HIPIMS) Ehasarian	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
M-102	Introduction to Ellipsometry Hilfiker PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-150	Cleaning Fundamentals for Coating Applications Wheeler AM New!	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-250	Deposition Process Simulation Gerdes/Barton PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180	
VT-201	Vacuum Systems, Materials and Operation O'Hanlon	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	

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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-212	Troubleshooting for Thin Film Deposition Processes Miller	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-322	Characterization of Thick Films, Thin Films and Surfaces Christensen	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
C-220	Introduction to Two-Dimensional Materials Muratore AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
C-334	Manufacture of Precision Evaporative Coatings Oliver	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
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	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280	
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-272	Biomedical Coatings for Antimicrobial Applications <i>Hettinger/Caputo</i> AM	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-316	Introduction to Atomic Layer Deposition (ALD) Processes, Chemistries, and Applications	<i>Biyikli</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280		
C-320	Diamond-Like Carbon Coatings – From Basics to Industrial Realization		1:30PM – 5:00PM
	<i>Savva/Haubold/Keunecke/Stein/Petzold</i> PM		
	Professional: \$470 or Student/Young Member: \$180		
C-329	Properties and Applications of Tribological and Decorative Coatings	<i>Doll/Matthews</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280		
C-338	Application of Reactive Sputtering	<i>Bandorf/Gerdes</i>	9:30AM – 5:00PM
	Professional: \$690 or Student/Young Member: \$280		
M-103	In Situ Spectroscopic Ellipsometry	<i>Pribil</i> PM	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180		
M-240	Basics and Applications of Electron Beam Technology for Manufacturing Processes		9:30AM – 1:00PM
	<i>Saager</i> AM		
	Professional: \$470 or Student/Young Member: \$180		
M-260	Advanced Packaging	<i>Banerjee</i> PM New!	1:30PM – 5:00PM
	Professional: \$470 or Student/Young Member: \$180		
VT-245	Hands-On Helium Mass Spectrometer Leak Detection – Session 1	<i>Deluca/Ridenour</i> AM New!	9:30AM – 11:30AM
	Professional: \$470 or Student/Young Member: \$180		
VT-245	Hands-On Helium Mass Spectrometer Leak Detection – Session 2	<i>Deluca/Ridenour</i> PM New!	12:00PM – 2:00PM
	Professional: \$470 or Student/Young Member: \$180		

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Thursday, April 30, 2026

C-204	Basics of Vacuum Web Coating Simmons 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-140	Mass Flow Controllers: Fundamentals, Troubleshooting, and Calibration Lewey AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180	
M-210	Introduction to Solid-State Thin Film Batteries Gaines AM	9:30AM – 1:00PM
	Professional: \$470 or Student/Young Member: \$180	