# 2027 TechCon Tutorial Schedule
# Updated October 27, 2026

**Sunday, May 2, 2027**

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|---|---|---|
| B-140 | 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-120 | An Introduction to the Fascinating World of Decorative PVD Coatings *Engels* **PM New!** | 1:30PM – 5:00PM |
| | **Professional: $470 or Student/Young Member: $180** | |
| C-205 | Introduction to Optical Coating Design *Sargent* | 9:30AM – 5:00PM |
| | **Professional: $690 or Student/Young Member: $280** | |
| C-310 | Sputtering *Bandorf* | 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** | |
| M-120 | Design of Experiments for R&D *Grace* | 9:30AM – 5:00PM |
| | **Professional: $690 or Student/Young Member: $280** | |
| M-150 | Cleaning Fundamentals for Coating Applications *Wheeler* **PM** | 1:30PM – 5:00PM |
| | **Professional: $470 or Student/Young Member: $180** | |
| M-250 | Deposition Process Simulation *Gerdes* **AM** | 9:30AM – 1:00PM |
| | **Professional: $470 or Student/Young Member: $180** | |
| M-301 | Practical Application of RF Power in Plasma Processing Systems *Simons* **PM New!** | 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** | |

# 2027 TechCon Tutorial Schedule
# Updated October 27, 2026

**Monday, May 3, 2027**

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|---|---|---|
| C-204 | Basics of Vacuum Web Coating *Simmons* **AM**<br>**Professional: $470 or Student/Young Member: $180** | 9:30AM – 1:00PM |
| M-102 | Introduction to Ellipsometry *Hilfiker* **PM**<br>**Professional: $470 or Student/Young Member: $180** | 1:30PM – 5:00PM |
| M-110 | Introduction to X-Ray Photoelectron Spectroscopy *Linford* **PM**<br>**Professional: $470 or Student/Young Member: $180** | 1:30PM – 5:00PM |
| M-210 | Introduction to Solid-State Thin Film Batteries *Gaines* **AM**<br>**Professional: $470 or Student/Young Member: $180** | 9:30AM – 1:00PM |
| M-240 | Basics and Applications of Electron Beam Technology for Manufacturing Processes<br>*Saager* **PM**<br>**Professional: $470 or Student/Young Member: $180** | 1:30PM – 5:00PM |
| VT-203 | Understanding and Using Residual Gas Analyzers *O'Hanlon*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |

# 2027 TechCon Tutorial Schedule
# Updated October 27, 2026

**Tuesday, May 4, 2027**

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|---|---|---|
| C-322 | Characterization of Thick Films, Thin Films and Surfaces *Christensen*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |
| C-338 | Application of Reactive Sputtering *Bandorf/Gerdes*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |
| M-201 | Flexible Electronics *Muratore* **PM**<br>**Professional: $470 or Student/Young Member: $180** | 1:30PM – 5:00PM |
| VT-230 | Design and Specification of Vacuum Deposition Systems *Belan*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |

# 2027 TechCon Tutorial Schedule
# Updated October 27, 2026

**Wednesday, May 5, 2027**

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|---|---|---|
| C-110 | Materials for PVD Applications *Pernagidis/Ghailane*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |
| C-210 | Introduction to Plasma Processing Technology *Baránková/Bárdos* **AM**<br>**Professional: $470 or Student/Young Member: $180** | 9:30AM – 1:00PM |
| C-212 | Troubleshooting for Thin Film Deposition Processes *Miller/Vohra*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |
| C-220 | Introduction to Two-Dimensional Materials *Muratore* **PM**<br>**Professional: $470 or Student/Young Member: $180** | 1:30PM – 5:00PM |
| C-245 | Industrial Broad Beam Ion Sources *Rubin* **AM**<br>**Professional: $470 or Student/Young Member: $180** | 9:30AM – 1:00PM |
| C-306 | Non-Conventional Plasma Sources and Methods in Processing Technology *Baránková/Bárdos* **PM**<br>**Professional: $470 or Student/Young Member: $180** | 1:30PM – 5:00PM |
| C-323 | Fundamentals of High Power Impulse Magnetron Sputtering (HIPIMS) *Ehiasarian*<br>**Professional: $690 or Student/Young Member: $280** | 9:30AM – 5:00PM |
| M-260 | Advanced Packaging *Banerjee* **AM**<br>**Professional: $470 or Student/Young Member: $180** | 9:30AM – 1:00PM |
| VT-240 | Practical Elements of Leak Detection *Deluca/Ridenour* | 9:30AM – 5:00PM |
| VT-245 | Hands-On Helium Mass Spectrometer Leak Detection *Deluca/Ridenour*<br>**Professional: $690 or Student/Young Member: $280** | |

# 2027 TechCon Tutorial Schedule
# Updated October 27, 2026

**Thursday, May 6, 2027**

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|---|---|---|---|
| C-201 | Electron Beam Evaporation for Thin Film Deposition *Belan* **AM**<br>**Professional: $470 or Student/Young Member: $180** | | 9:30AM – 1:00PM |
| C-320 | Diamond-Like Carbon Coatings – From Basics to Industrial Realization<br>*Savva/Haubold/Keunecke/Stein/Petzold* **AM**<br>**Professional: $470 or Student/Young Member: $180** | | 9:30AM – 1:00PM |
| M-103 | In Situ Spectroscopic Ellipsometry *Pribil* **PM**<br>**Professional: $470 or Student/Young Member: $180** | | 1:30PM – 5:00PM |
| M-140 | Mass Flow Controllers: Fundamentals, Troubleshooting, and Calibration *Lewey* **AM**<br>**Professional: $470 or Student/Young Member: $180** | | 9:30AM – 1:00PM |