

Kurt J. Lesker[®] Company VACUUM COURSE



KJLC will present a short course on Vacuum Technology, Vapor Deposition, and Thin Film Growth Models.

Workshop Topics Include:

(9:00am –12:00pm)

- Adsorption, Desorption, Diffusion and Permeation
- Gas–Solid Interactions
- Flow Regimes
- Conductance
- Vacuum Pump Technologies, Pumping Speed and Pump Throughput
- Detecting leaks in vacuum systems

Physical Vapor Deposition and Thin Film Growth Models Including:

(12:30pm –3:00pm)

- Thermal & E-beam evaporation
- Sputtering by Direct Current (DC) & Rf
- Cathodic Arc Deposition
- Thin Film Growth Models
- The Structure Zone model(s)
- Stress in thin films
- Deposition rate and film characteristics

Participants must [RSVP](#) by September 1st, 2016.

9:00am on September 6, 2016
1080 Physics Research Building
More information at cem.osu.edu