

## TECHNICAL TRAINING - SWAPPING DOWNTIME FOR PRODUCTIVITY!

### Semiconductor Vacuum Technology - Syllabus

#### Overview:

This is a highly intensive hands-on training course designed to enable its target group to understand and become competent with working on vacuum equipment in the Semiconductor Industry. The course covers a multitude of important learning topics from vacuum theory to the various types of vacuum pumps and vacuum measuring equipment.

This is a collaboration type training course - jointly delivered by automation.ie and an in house SME.

#### Target Group:

- Production / Process Personnel.
- Maintenance Personnel.
- Production & Engineering Supervisors.
- Technical Trainers.
- Sales Personnel.

#### Syllabus:

- Theory of Vacuum
- Vacuum Gauges - Specific to the Semiconductor Industry
- Vacuum Fittings, Components & Techniques
- Vacuum Pumps: Types, Characteristics & Techniques
- Question & Answer Session 1
- Leak Checking – Practical Session!
- Vacuum Pump Testing & Fault Finding – Practical Session!

#### Prerequisites:

A keen aptitude in Vacuum Technology and an appreciation for the role of Vacuum in Industry, coupled with a willingness to learn!

#### Duration:

8 hours (One 8-hour days)