

<b>Course Title</b>	Varian 3000 Series Operations and Maintenance
<b>Type</b>	Instructor led
<b>Description</b>	This course will provide the knowledge and skill required by Maintenance Personnel to allow them to effectively operate the system, analyze, and repair mechanical problems that might arise in the 3000 Series System. The course will be a blend of both classroom and hands-on training covering mechanical components, special sources, and the extended vacuum system that is typical of the 3000 Series Inline Sputter System.
<b>Objectives</b>	Upon successful completion of this course, the student will be able to: <ul style="list-style-type: none"><li>• Identify all major components.</li><li>• Conduct proper target and shield change.</li><li>• Align the wafer handler system.</li><li>• Rebuild feed-throughs and valves.</li><li>• Perform maintenance on vacuum system, front plate, rear plate, and wafer handler.</li><li>• Operate the system in all modes to perform maintenance tasks.</li><li>• Run the system diagnostics.</li><li>• Understand available options and benefits.</li></ul>
<b>Target Audience</b>	Process Engineers, Equipment Engineers, Maintenance Technicians, Maintenance Supervisors.
<b>Prerequisites</b>	The student should have previously attended courses in vacuum technology and leak detection.
<b>Course Materials</b>	Provided by SERT Systems, Inc. - hard copy manuals.
<b>Course Length</b>	5 Days
<b>Contact Hours</b>	32 Hours