

2021  
ONLINE IN 1080P  
DECEMBER 15 & 16  
2021  
11:00 - 8:30 PM  
EST

# WORLD-CLASS EMC/EMI TRAINING ONLINE & LIVE IN CLEAR 1080P VIDEO

***ATTEND our EMC Courses ONLINE  
See & Hear Better than from the front row in class!***

**Taught by Lee Hill, MSEE, SILENT Solutions LLC**  
Member of Adjunct Faculty, Worcester Polytechnic Institute  
EMC course instructor, University of Oxford (England)

## ABOUT THE INSTRUCTOR:



**Lee Hill** is Founding Partner of SILENT, an independent EMC and RF design firm established in 1992 that specializes in EMC and RF design, troubleshooting, and training. Lee received his MSEE from the University of Missouri-Rolla EMC Laboratory, (MS&T) [emclab.mst.edu](http://emclab.mst.edu). He is a member of the adjunct faculty at Worcester Polytechnic Institute (WPI), and an EMC course instructor for the University of Oxford (England) and the IEEE EMC Society's Global University. He is a past EMC instructor for UC Berkeley, Agilent, and Hewlett Packard.

With over 25 years of EMC design and troubleshooting experience, Lee consults and teaches worldwide, and has presented classes in Singapore, Taiwan, Mexico, Norway, South Korea, Canada, Poland, France, Germany & United Kingdom. Lee is a past member of the IEEE EMC Society's Board of Directors (2004-2007).



**Online - December 15 & 16, 2021**

• ***Applying Practical EMI Design & Troubleshooting Techniques***

## After attending this course, you will be able to:

- Use the Noise Model to systematically analyze and solve any electrical noise problem
- Solve regulatory noise problems such as radiated emissions & immunity and ESD
- Understand ground loops, how to model them, and how to eliminate them
- Identify and manage the different types of "ground" in schematics & physical circuits
- Minimize radiated EMI by designing low inductance signal interconnects
- Understand and measure common-mode current in emissions and immunity problems
- Improve the quality of sensor and instrumentation signals in the presence of noise

**SILENT**

Solutions for your noisy world.

Course content is identical to that which is presented annually at the [University of Oxford, England](http://www.ox.ac.uk/emc). [Download course syllabus.](#)

**2021**  
**ONLINE IN 1080P**  
**DECEMBER 15-16,**  
**2021**  
**11:00 - 8:30 PM**  
**EST**

**SILENT** provides  
**EMC Education Worldwide**  
through **WPI, University of Oxford**, and via our partners  
**Rohde & Schwarz, Wurth Electronics Midcom and Langer EMV**

## TO REGISTER



### ONLINE

<https://silent-dec-online.eventbee.com>

### EMAIL

[courses@silent-solutions.com](mailto:courses@silent-solutions.com)

### PHONE

+1 (603) 578-1842

Are you frustrated with high frequency noise problems? Tired of failing radiated emissions requirements at EMI test labs? Looking for a logical, systematic way of analyzing and solving electrical noise problems that is based on the latest academic research? Sign up now for North America's premier EMC design & troubleshooting educational event!

This class presents a unique blend of applications, hardware demonstrations, and supporting theory to help design engineers and EMC engineers master key electrical noise reduction techniques.

The underlying theory and techniques are equally applicable during design or troubleshooting of regulatory compliance, electrostatic discharge (ESD), RF/wireless, and self-interference problems.

## TESTIMONIALS

*"Lee effectively penetrates those impenetrable Greek equations with simple insights, and de-funking many common EMC myths – converting magic to practice."*

*"Good teacher, good tech chops, good passion, loved it!"*

*"Hardware demos were very, very helpful"*

*"Everything you didn't learn about EMC in college but wish you had! Never heard such a complex subject spoken about in such a clear way"*

*"Give him longer. Would have stayed 2 more hours. Wonderful summary to Global University. Very clear. Clearly in control of his material"*

*"If your company designs electrical products, you need your engineers to take this course. For all those EMC topics and solutions never covered in school, this course hits them all"*

SILENT Solutions LLC  
10 Northern Blvd, Suite 1  
Amherst, NH 03031 USA  
+1 (603) 578-1842  
[www.silent-solutions.com](http://www.silent-solutions.com)

Training fee: \$995 per person, per course.

### Discounts:

Discounts available for 3 or more attendees from the same company.  
Call for discount code. Credit cards and Corporate POs accepted (NET 30 only)

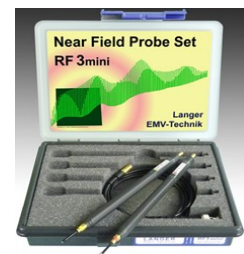
[Download course syllabus here](#)

## SILENT's EMC Course Sponsors

ROHDE & SCHWARZ



LANGER  
EMV-Technik



**SILENT**

Solutions for your noisy world.

Course content is identical to that which is presented annually at the [University of Oxford, England](#). [Download course syllabus.](#)