

## **MIL-STD-461F Course for 2010**

### **Date and Time**

March 01 thru 04, 2010

May 18 thru 21, 2010

August 16 thru 19, 2010

October 25 thru 28, 2010

8:00am - 5:00 pm daily

**Location** Washington Laboratories Ltd.

7560 Lindbergh Drive Gaithersburg, MD 20879

301-216-1500

**Teacher** [Steve Ferguson](#)

### **Course Description**

Approved on December 10, 2007, the newly released MIL-STD-461F supersedes MIL-STD-461E. The MIL-STD-461F will be introduced, including the new/modified test methods and test article configurations. This course offers critical information for the : military compliance professionals, testing industry professionals, and developers involved with electronics systems development. Hands-on instruction in MIL-STD-461 test and measurement methods along with analysis of the test results will be covered.

### **Objectives**

The focus of this course is on performing the testing, reducing and understanding the data and managing test problems. It features practical methods-based instruction with laboratory measurements demonstrations and hands-on performance of test setups.

### **Who Should Attend**

- Test Engineers
- Test Technicians
- Anyone who interprets MIL-STD data
- Anyone who troubleshoots MIL-STD equipment
- MIL-STD design Engineers

**Course Outline**

<p>The following will be covered during the four-day course:</p> <ul style="list-style-type: none"> <li>• Basic Concepts of Electromagnetic Effects</li> <li>• Terms and Definitions</li> <li>• EMI – The Problem</li> </ul>	<ul style="list-style-type: none"> <li>• CE106</li> <li>• Conducted Susceptibility</li> <li>• CS101 *</li> </ul>
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<ul style="list-style-type: none"> <li>• Measurement Units</li> <li>• The Decibel</li> <li>• Electromagnetic Environment</li> <li>• Standards</li> <li>• MIL-STD-464A</li> <li>• MIL-STD-461</li> <li>• Data Item Descriptions</li> <li>• Managing your EMI/EMC test program</li> <li>• Emissions and Susceptibility</li> <li>• General concepts</li> <li>• Test Requirements and Methods (MIL-STD-461E)</li> <li>• General Requirements</li> <li>• Facility requirements</li> <li>• Configuring the test article</li> <li>• Conducted Emissions</li> <li>• CE101 *</li> <li>• CE102 *</li> </ul>	<ul style="list-style-type: none"> <li>• CS103</li> <li>• CS104</li> <li>• CS105</li> <li>• CS106</li> <li>• CS109</li> <li>• CS114 *</li> <li>• CS115 *</li> <li>• CS116 *</li> <li>• Radiated Emissions</li> <li>• RE101 *</li> <li>• RE102 *</li> <li>• RE103</li> <li>• Radiated Susceptibility</li> <li>• RS101 *</li> <li>• RS103 *</li> <li>• RS105</li> <li>• Instrumentation</li> <li>• Summary and Review</li> </ul>
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\* Test methods with group laboratory testing as part of the course. All test methods will include a detailed discussion.

For more information on course content, please send your request to [info@wll.com](mailto:info@wll.com)

**Witnessing of tests**

**Course summary; optional final examination; award of certificates**

**Text Materials**

**Fee/Registration**

Registration fee is US\$2,200 per student.

Early registration: US\$2,100 per student.

(Register more than 30 days prior to a scheduled course start date to qualify)

Payment in advance via check, VISA or MasterCard preferred credit cards or bank transfer (ask for transfer details).

For [registration](#) and payment received one month prior to course, deduct \$100. For three or more participants from an organization and payment received one month prior to course, deduct \$200 each.

Click [HERE](#) to register

**Suggestions for Accommodation**

Visit <http://www.wil.com/hotels.html>