

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

### **Date and Time**

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

The following will be covered during the four-day course:

- Basic Concepts of Electromagnetic Effects
- Terms and Definitions
- EMI – The Problem

- CE106
- Conducted Susceptibility
- CS101 \*

- Measurement Units
- The Decibel
- Electromagnetic Environment
- Standards
- MIL-STD-464A
- MIL-STD-461
- Data Item Descriptions
- Managing your EMI/EMC test program
- Emissions and Susceptibility
- General concepts
- Test Requirements and Methods (MIL-STD-461E)
- General Requirements
- Facility requirements
- Configuring the test article
- Conducted Emissions
- CE101 \*
- CE102 \*

- CS103
- CS104
- CS105
- CS106
- CS109
- CS114 \*
- CS115 \*
- CS116 \*
- Radiated Emissions
- RE101 \*
- RE102 \*
- RE103
- Radiated Susceptibility
- RS101 \*
- RS103 \*
- RS105
- Instrumentation
- Summary and Review

\* 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.wll.com/hotels.html>