

**FLUKE®**

**Calibration**

# Advanced MET/CAL® Procedure Writing

A 3.5 days procedure writing  
workshop for advanced users of  
MET/CAL® calibration software

**General Technology  
Workshops**

The 3.5 days Advanced MET/CAL Procedure Writing class is for experienced MET/CAL users who would like to increase their skills in developing procedures. Students will perform hands-on exercises designed to challenge and develop their ability to create, modify and test calibration procedures, using IEEE and RS-232 interfaces to control the calibrators and the unit under test. In this workshop, you will focus on the use of the IEEE, PORT, VISA, MATH and LIB FSCs (Function Select Codes), and on the use of Memory registers.

## Course outline

- Review of Procedure Writing Fundamentals
  1. Using the Editor's hot keys
  2. Test running procedures
- IEEE, IEEE2 and SCPI FSCs
- The PORT FSC
- Using the MATH FSC
- Using the LIB FSC
- Using the MEMCX with MEMI, IEEE and PORT FSCs
- Using the ACC, ACCV and ACCV2 FSCs
- How to organise and outline the procedure
- Utilising documentation in the procedure
- Understanding the vendor's verification procedure and applying IEEE commands
- Using modules for redundant functions
- Troubleshooting Techniques
  1. Single stepping and viewing register contents
  2. Error handling techniques



## Who should attend

Attendees of this course are expected to have a working knowledge of MET/CAL calibration software and a minimum of six months experience writing and editing closed loop IEEE/RS-232 calibration procedures.

Attendees should have an understanding of electronic instrument calibration theory and practical application. A working knowledge of your company's policy and practices in calibration is beneficial.