

January 23 – 24, 2017
The Florida Hotel & Conference Center | Orlando, Florida

TE-9 | Monday, January 23 | 8:00 AM - 5:00 PM | 1-Day Course

Course Title: AC Current Measurements

Instructor: Milen Todorakev, Fluke Calibration

Topic: Electrical

Technical Level:

Beginner – course content is designed for students with no previous experience

Intermediate – students must possess as a basic understanding of course concepts

Course Description:

The course will cover alternating current measurement methods, measurement devices, evaluation of measurement errors and uncertainty. During this module, the participants will have the opportunity to use measurement equipment to associate the class material to its practical application.

Intended audience: Anyone involved in measurements of alternating current and/or evaluation of uncertainty associated with these measurements.

Learning objectives:

Participants will gain knowledge about:

- Basics of alternating current measurements.
- Identification of measurement errors associated with alternating current measurements.
- Techniques for avoiding/minimizing measurement errors.
- Generating measurement uncertainty analysis.
- Practical experience in making measurement using various measurement techniques/methods.

Instructor Biography:

Milen Todorakev, is Corporate Metrologist for ECAL (electrical calibration products) at Fluke Calibration. Milen is responsible for establishing and maintaining metrological traceability of the measurement standards utilized in the Fluke Primary Electrical Laboratory. In his role, he is involved in design of measurement systems and dissemination of measurement parameters to manufacturing processes and calibration laboratories within Fluke Corporation. He holds a B.S. Electrical Engineering degree from the University of South Florida and has 15 year of progressive experience in the field of Metrology.