Course Description

Participants will learn the components of allowable error, AKA performance standards. In addition, the user will learn when allowable error is used or required within EP Evaluator, and finally how to find and or calculate allowable error using Peer Group surveys.

The course handout contains exercise for the user to work with at their own pace.

Prerequisites

This is a basic training class. The attendee is not required to have EP Evaluator licensed or installed.

Participants must be knowledgeable about Laboratory instrumentation, or methodologies, or certification. And have a working understanding of laboratory analytical operations as well as a basic knowledge of laboratory reporting and quality control concepts.

Course Agenda

Welcome and optimizing Webex
Review of Class objectives.
Theory behind Performance standards
Error Budgets: TEA, SEA, REA
Deriving the Daily QC SD
Bias and Accuracy in EE modules
Approaches to Determine TEa
Peer Group survey Approach
What to use when CLIA says use +/- 3 SD
A concentration component at low values
Performance Standards Module
Exercises to derive TEa
Q & A