



## Module 1 October 5, 2022 (Wednesday)

Dr. George Anastasopoulos/Prasanth S Ramakrishnan

### Conformity Assessment Principles

Per ISO/IEC 17000, conformity assessment is demonstration that specified requirements (as stated in normative documents such as regulations, standards and technical specifications) relating to a product, process, system, person or body are fulfilled.

In this module, conformity assessment principles and techniques will be discussed. The general requirements encompassing the arena of conformity assessment will be addressed.

### Global Issues in Conformity Assessment

This module elaborates the potential benefits of conformity assessment. Conformity assessment, from the perspective transcending barriers of trades and economies globally will be examined, as well as distinguishing the constant challenges encountered in the conformity assessment process and forums.

## Module 2 ev dgt 32022 (Wednesday)

Dr. George Anastasopoulos/Patrick J McCullen

### The World of Standardization

This module explains what is standardization, need for standardization, elements of standardization, process of standardization and benefits of standardization. The need for standardization, from a global perspective, along with the benefits of standardization will be discussed.

### Common Elements in Management Systems

To run an efficient and competent organization, adequate implementation of management system is essential.

This module examines the essential elements that are required to establish and effectively implement a well-structured management system. The alignment of management systems that conformity assessment practices will be the focus of the discussions and exercises.

## Module 3 ev dgt 32022 (Wednesday)

Prasanth S Ramakrishnan/Patrick J McCullen

### Systems of Accreditation

**This module will evaluate the various systems of accreditation. The components of an accreditation system will be examined. Similarities among various accreditation systems will be evaluated for identifying and implementing a best case scenario specific to an organization s needs**

### Systems of Certification (Products, Management Systems, Persons)

**This module will focus on the process of product certification, management system body certification and personnel certification. The perspective of different product schemes implemented in United States and Management Systems certification will be discussed along with the personnel certification process.**

## Module 4 ev dgt , 2022 (Saturday)

Dr. Emil Hazarian

### Risk Analysis in Conformity Assessment

This module identifies and explains the risk assessment process, including the determination of quantitative or qualitative estimate of risk related to a well-defined situation and a recognized threat (also called hazard).

### The Role of Metrology in Conformity Assessment

This module provides guidance and procedures for assessing the conformity of an item (entity, object or system) with specified requirements. The item might be, for example, a gauge block, a grocery scale or a blood sample.



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