International Accreditation Service and California State University, Dominguez Hills

Accreditation, Standardization and Conformity Assessment
Program

CSUDH

COLLEGE OF EXTENDED & INTERNATIONAL EDUCATION

IAS INTERNATIONAL ACCREDITATION SERVICE®

CSUDH and the IAS have developed a 4 Module Course for IAS clients, ICC membership, Assessors, Subject Matter Experts involved in conformity assessment, University students/alumni, STEM students and professionals with practical experience in one or more of the following areas:

- Management Systems
- Standards Development
- Certification, Accreditation and Conformity Assessment
- Testing Laboratories, Inspection Agencies, Product Certification Agencies
- Management Systems Certification Bodies

This course is delivered via a cohort format consisting of four modules instructed by recognized Subject Matter Experts in their areas of standardization and conformity. Class meetings will take place online on five Saturdays. Students **must attend all sessions** and pass a written examination with a score of 70% or better on the final Saturday to receive this certificate.

Class Topics, Meeting Dates and Instructors (See class descriptions on page 2)

Module 1   Saturday, **October 2, 2021**
          8 AM-12 PM PDT, ONLINE
- **Conformity Assessment Principles**
- **Global Issues in Conformity Assessment**
  Dr. G. Anastasopoulos / P. Ramakrishnan

Module 2   Saturday, **October 9, 2021**
          8 AM-12 PM PDT, ONLINE
- **The World of Standardization**
- **Common Elements in Management Systems**
  Dr. G. Anastasopoulos / H. Alexander

Module 3   Saturday, **October 16, 2021**
          8 AM-12 PM PDT, ONLINE
- **Certification Management System and Standards**
- **Accreditation Management System and Standards**
  H. Alexander / P. Ramakrishnan

Module 4   Saturday, **October 23, 2021**
          8 AM-12 PM PDT, ONLINE
- **Risk Analysis in Conformity Assessment**
- **The Role of Metrology in Conformity Assessment**
  Dr. Emil Hazarian

EXAM/PROJECT PRESENTATION
Saturday, **November 6, 2021**
8 AM-12 PM PDT, ONLINE
Emil Hazarian / P. Ramakrishnan
2 Hours Project Presentation & Course Review
2 Hours Examination

Students must attend all class modules to pass the course. There are no exceptions and there will be no make-up modules.

Instructors will provide the materials for each class meeting. The total price for the Accreditation, Standardization and Conformity Assessment Certificate Course is $599. Registration must be completed by October 1, 2021. Discounts are available for groups of 3 or more.

**For more information, contact:
Michael Casner | mcasner@csudh.edu**

**To register, call 310-243-3741 (Option 1)
www.csudh.edu/qa-ms/certificates/
accreditation-standardization-conformity**

**College of Extended and International Education
California State University, Dominguez Hills
1000 East Victoria Street, EE-1300,
Carson, CA 90747 USA**

Module 1 October 2, 2020
Dr. George Anastasopoulos/Prasanth 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 October 9, 2021
Dr. George Anastasopoulos/Helga Alexander

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 October 16, 2021
Helga Alexander/Prasanth Ramakrishnan

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 address the systems of certification (Products, Management Systems, Person).

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 October 23, 2021
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.