CIQS Syllabus

Course No: A301
Course Title: Measurement of Construction Work III

Original: May 28, 1993
Rev. No: 5
Rev. Date: March 31, 2012

Course Description:
This course is a continuation of the studies introduced in Measurement of Construction Work I and II and covers the construction details found in more sophisticated structures. The course expands on the topics of subjects A103 and A202 plus introduces Divisions 8, 9, 10, 11, 12, 13 and 14 covered by the CIQS Standard Method of Measurement, 8th Edition.

Suggested Prerequisites:
Course No: C101 – Construction Science
A102 – Construction Technology I
A103 – Measurement of Construction Work I
A201 – Construction Technology II
A202 – Measurement of Construction Work II

Learning Outcomes:
The candidate will be able to:
1. Properly utilize the CIQS standard form of estimate,
   - MasterFormat 2010 Division 08 – Openings
   - MasterFormat 2010 Division 09 – Finishes
   - MasterFormat 2010 Division 10 – Specialties
   - MasterFormat 2010 Division 11 – Equipment
   - MasterFormat 2010 Division 12 – Furnishings
   - MasterFormat 2010 Division 13 – Special Construction
   - MasterFormat 2010 Division 14 – Conveying Systems

Course Content:
1. The scope of this subject as noted above and covered in the Method of Measurement of Construction Work, 8th Edition
2. The scope of this subject as noted above and covered in the MasterFormat 2010
5. Particular emphasis is placed on accuracy of description, measurements and extensions.

Required Textbooks and Materials:
4. Study Guide #103, published by The Canadian Institute of Quantity Surveyors

Testing:
Emphasis in testing will on:
1. The proper use of the estimate form, neatness and clarity of the estimate.
2. The accuracy of description of the item being measured and of measurements and extensions.