



CIQS Syllabus		Original:	May 28, 1993
Course No:	A202	Rev. No:	3
Course Title:	Measurement of Construction Work II	Rev. Date:	March 31, 2012

Course Description:

This course is a continuation of the studies introduced in Measurement of Construction Work I and covers the construction details found in more sophisticated structures. The course expands on the topics of Measurement of Construction Works I (subject A103) plus introduces Divisions 5, 6 and 7 of the Method of Measurement of Construction Works, 8th Edition.

Suggested Prerequisites:

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

Learning Outcomes:

The candidate will be able to:

1. Properly utilize the CIQS standard form of estimate,
2. Measurement of quantities using principles described in the CIQS Method of Measurement, 8th Edition for:
 - MasterFormat 2010 Division 02 – Existing Conditions
 - MasterFormat 2010 Division 03 – Concrete
 - MasterFormat 2010 Division 04 – Masonry
 - MasterFormat 2010 Division 05 – Metals
 - MasterFormat 2010 Division 06 – Wood, Plastics & Composites
 - MasterFormat 2010 Division 07 – Thermal & Moisture Protection
 - MasterFormat 2010 Division 31 – Earthwork
 - MasterFormat 2010 Division 32 – Exterior Improvements
 - MasterFormat 2010 Division 33 – Utilities.

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
3. Chapters 1 to 7 in the text Fundamentals of Construction Estimating, 3rd Edition
4. Particular emphasis is placed on accuracy of description, measurements and extensions.

Required Textbooks and Materials:

1. Fundamentals of Construction Estimating, 3rd Edition by David Pratt.
2. Method of Measurement of Construction Work, 8th Edition, published by The Canadian Institute of Quantity Surveyors.
3. 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.
3. Method of Measurement of Construction Work, 8th Edition will be allowed as an open book during this examination.