



CIQS Syllabus		Original:	May 28, 1993
Course No:	A301	Rev. No:	5
Course Title:	Measurement of Construction Work III	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, 8<sup>th</sup> 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,
2. Measurement of quantities using principles described in the CIQS Method of Measurement, 8<sup>th</sup> Edition for:
  - 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, 8<sup>th</sup> Edition
2. The scope of this subject as noted above and covered in the MasterFormat 2010
3. Chapters 14 to 19 in the text Estimating Construction Costs, 5<sup>th</sup> Edition
4. Chapters 6 & 7 in the text Fundamentals of Construction Estimating, 3<sup>rd</sup> Edition
5. Particular emphasis is placed on accuracy of description, measurements and extensions.

### Required Textbooks and Materials:

1. Method of Measurement of Construction Work, 8<sup>th</sup> Edition, published by The Canadian Institute of Quantity Surveyors.
2. Estimating Construction Costs, 5<sup>th</sup> Edition, by Robert L. Peurifoy and Garold D. Oberlender
3. Fundamentals of Construction Estimating, 3<sup>rd</sup> Edition by David Pratt.
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.
3. Method of Measurement of Construction Work, 8<sup>th</sup> Edition will be allowed as an open book during this examination.