



CIQS Syllabus		Original:	May 28, 1993
Course No:	A302	Rev. No:	5
Course Title:	Measurement of Construction Work – Practical Exam	Rev. Date:	March 31, 2012

Course Description:

This is the final measurement course and is designed to be a summation of the knowledge gained in subjects A103, A202, and A301. The subject of General Requirements Division 01 of the CIQS Standard Method of Measurement, 8th Edition, is also introduced.

Suggested Prerequisites:

Course No: A103 – Measurement of Construction Work I
A202 – Measurement of Construction Work II
A301 – Measurement of Construction Work III

**** Subject A302 – Measurement of Construction Work – Practical Exam cannot be attempted prior to the successful completion of or exemption of the prerequisites subjects A103, A202 & A301.**

Learning Outcomes:

The candidate will be able to:

1. Properly utilize the CIQS standard form of estimate,
2. Measure complex quantities using principles described in the CIQS Method of Measurement for all subject matter covered in the previous courses.
3. Describe the General Requirements of various types and sizes of projects.
4. Illustrate in a quantitative manner an understanding of the General Requirements of given projects.

Course Content:

1. The scope of this subject covers Divisions 1 to 14 and 31 to 33 in the Method of Measurement of Construction Work, 8th Edition
2. The scope of this subject covers Divisions 1 to 14 and 31 to 33 in the MasterFormat 2010
3. Chapters 1 to 19 in the text Estimating Construction Costs, 5th Edition
4. Chapters 1 to 15 in the text Fundamentals of Construction Estimating, 3rd Edition
5. Particular emphasis is placed on accuracy of description, measurements and extensions.

Required Textbooks and Materials:

1. Method of Measurement of Construction Work, 8th Edition, published by The Canadian Institute of Quantity Surveyors.
2. Estimating Construction Costs, 5th Edition, by Robert L. Peurifoy and Garold D. Oberlender
3. Fundamentals of Construction Estimating, 3rd Edition by David Pratt.
4. Study Guide #103, published by The Canadian Institute of Quantity Surveyors

Testing:

This is a 6 hour examination. The drawings to be used in the examination will be provided to the candidates prior to the examination in order that the candidates may familiarize themselves with the project. Examination instructions and questions will be distributed at the start of each 3 hour session of the 6 hour examination period.

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.