

QUANTITY SURVEYING / CONSTRUCTION ESTIMATOR SYLLABUS - MECHANICAL

302 Measurement of Mechanical Work - Practical Examination April 18, 2001
Course No. Descriptive Title Revision: 2 February, 2003

Course Description

This subject covers all areas studied in Mechanical Technologies I, II and III and Measurement of Mechanical Work I, II and III. This subject is the final measurement exam in this syllabus.

Suggested Prerequisites: 103 Measurement of Mechanical Work I
..... 202 Measurement of Mechanical Work II
..... 301 Measurement of Mechanical Work III

Learning Outcomes

The student will demonstrate a proficiency in measurement of all types of mechanical work.

Course Content:

The student will have studied the subject matter for 103, 202 and 301 prior to attempting this subject.
1. from the text

Required Textbooks and Materials:

1. Method of Measurement of Construction Works, published by The Canadian Institute of Quantity Surveyors.
2. Estimating Construction Costs, by Peurifoy-Oberlender
3. Means Mechanical Estimating Standards and Procedures, by Moylan/Mossman
4. Means Plumbing Estimating, by Galeno and Greene.

Testing:

Testing will include elements studied in this course as well as 103, 202, and 301. Emphasis will be placed on a demonstrated ability to measure all types of mechanical work.