BLD317: Measurement & Description of Building Works I (2 Units)

Department of Building Technology

Covenant University
1. BLD317
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The history of quantity surveying profession; the functions of the quantity surveyor, Purpose and format of bills of quantities, Evolution of the codes of measurement used in the industry. Mensuration of regular and irregular lines, surfaces and solids either directly or by reference to drawings, Techniques of taking off including setting out and order of dimensions, side notes, waste calculations, Principles of the use of schedules. Application of measurement principles to simple building forms; introduction to standard phraseologies and library of descriptions; principles and procedures relating to the manual processing of data; the arrangement and preparation of bills of quantities of different formats; an introduction to preliminary and preamble clauses; preparation and use of schedules during the pre-contract stage for the communication of project data.