pQUS 3201 Quantity Surveying III

Hours Per Week			Hours per Semester	Weighted Total Mark	Weighted Exam Mark	Weighted Continuous Assessment	Credit Units
LH	PH	TH	CH	WTM	WEM	WCM	CU
4	1	4	60	100	60	40	4

Course description

The course builds up from principles of measurements and description of building works but with specific attention to measurements of building services and alteration works.

Objective(s)

To enable the students to translate technical drawings for services and alteration works to quantifiable work items as per the standard method of measurement, with appropriate descriptions and right trade specifications.

Course contents

1. Application of principles of measurements and description of work; [45 CH]

- plumbing and drainage installation in simple buildings
- electrical installation in simple buildings
- air conditioning and ventilation devices
- vertical transportation systems
- alteration works and demolitions.

2. Exhaustive practical exercise as decided by lecture [15 CH]

Learning outcomes.

In the end, Students should be able to interpret measure and thus take off quantities for Building services, demolitions and alterations.

They should be able to understand the relevant clauses for the measured works in the method of measurements.

Method of delivery.

The course will be conducted through a mixture of lectures, tutorials group discussions and practical assignments. Basic lecture materials and data will be provided by the Lecturer and this will be supplemented by individual reading effort by students.

Method of assessment.

Assessment will be done through continuous coursework and final written examination. Continuous assessment will include assignments, classroom tests and practical exercises. A final examination will be offered at the end of each semester and will carry 60% of the total mark. Coursework will carry a total of 40%.

Reference books and materials.

1. Edmeades D.H. 1971. ***Building Economics and measurement.*** Part: Estate Gazette, London

2. Edmeades D.H. 1973. ***Building Economics and measurement*** Part: Estate Gazette, London

3. Seeley I.H. 1988. ***Building Quantities Explained,*** Macmillan, London

4. Seeley I.H. 1986. ***Advanced Building Measurement.*** Macmillan Education Ltd., London

5. Institute of Architects, Kenya (1970), ***Standard Methods of Measurement of Building Works for East Africa,*** (1st Edn.) Architectural Association of Kenya, Chapter of Quantity Surveyors, Nairobi.