

Liverpool John Moores University

Title: QUANTITY SURVEYING PROFESSIONAL SKILLS
Status: Definitive
Code: **7315BEPG** (121001)
Version Start Date: 01-08-2015

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 20.00 **Total Delivered Hours:** 33.00
Total Learning Hours: 200 **Private Study:** 167

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	11.000
Workshop	22.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	AS1	IN CLASS ASSESSMENT	50.0	
Technology	AS2	REPORT	50.0	

Aims

To allow students to apply the theory, concepts and procedures of quantity surveying professional skills using standard industry.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically analyse pre-construction project data to create reports to aid in decision making/evaluation.
- 2 Critically evaluate current standard industry protocols
- 3 Critically apply, interpret and manipulate post contract procedures of the QS.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

TEST	1	2
TECHNOLOGY	2	3

Outline Syllabus

Design Economics and Cost Planning: Estimating, production of reports with reference to cost, time, quality and buildability, including qualifications and exclusions, evaluating building design efficiency, assessing/evaluating market factors and trends in construction costs, analysing the accuracy of predicted cost using benchmarking techniques, interrogating historical cost data and advising on the setting of budgets, monitoring design development against planned expenditure.

Tendering: Quantifying construction works at the various stages of a project, producing pricing documents such as bills of quantities, schedules of activities/works, and schedules of rates or contract sum analyses, carrying out the costing of construction works by methods such as tendered rates, quotations or dayworks, management, receipt of and analysis of tenders (tender procedures)

Post contract: Negotiating and agreeing the valuation of construction works at various stages of the project such as the contract sum, construction and final account, forecasting and cash flows, managing change control procedures, valuing change expenditure of provisional and prime cost sums, expenditure of contingencies, carrying out interim valuations, value engineering, claims, reporting regimes and protocols and final accounts.

Learning Activities

The central theme of the module is to submerge the student into a "real-life" construction project exploring the many services of a QS throughout the project delivery phase. The module is delivered through a combination of lectures, webinars and workshops.

Notes

The module develops students' practical and team skills within the context of a

Quantity Surveyor working on an industry project.