

# Quantity Surveying Professional Skills

## Module Information

2022.01, Approved

### Summary Information

Module Code	7533BEHK
Formal Module Title	Quantity Surveying Professional Skills
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
Hong Kong Financial Services Institute (HKFSI)

### Learning Methods

Learning Method Type	Hours
Lecture	11
Workshop	22

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

## Aims and Outcomes

Aims	To allow students to apply the theory, concepts and procedures of quantity surveying professional skills using standard industry.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Critically analyse pre-construction project data to create reports to aid in decision making/evaluation.
MLO2	2	Critically evaluate current standard industry protocols
MLO3	3	Critically apply, interpret and manipulate post contract procedures of the QS.

## Module Content

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.
Module Overview	
Additional Information	The module develops students' practical and team skills within the context of a Quantity Surveyor working on an industry project.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Test	TEST	50	0	MLO1, MLO2
Technology	TECHNOLOGY	50	0	MLO2, MLO3

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
James Hartwell	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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