

# Quantity Surveying Professional Practice

## Module Information

2022.01, Approved

### Summary Information

|                     |  |
|---------------------|--|
| Module Code         | 7452BEPG                                 |
| Formal Module Title | Quantity Surveying Professional Practice |
| 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       |
| Civil Engineering and Built Environment |

### Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
| Lecture              | 11    |
| Workshop             | 22    |

### Module Offering(s)

| Display Name | Location | Start Month | Duration Number Duration Unit |
|--------------|----------|-------------|-------------------------------|
| SEP-CTY      | CTY      | 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                      |
| Report              | Technology      | 50     | 0                        | MLO2, MLO3                      |

## Module Contacts