

Liverpool John Moores University

Title: QUALITY
Status: Definitive
Code: **6601BECC** (125604)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Coleg Cambria

Team	Leader
Raj Shah	Y

Academic Level: FHEQ6
Credit Value: 20
Total Delivered Hours: 54
Total Learning Hours: 200
Private Study: 146

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	20
Tutorial	20
Workshop	14

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report 4500 words	100	

Aims

To develop understanding and critical awareness of quality assurance with particular focus on the construction industry

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically review past and current quality systems and process used in the housebuilding sector
- 2 Evaluate the methods used for Quality Control with regards to personnel and sub-contractors
- 3 Critically analyse TQM methods used within other sectors and their relevance to the UK housebuilding sector
- 4 Develop and recommend suitable quality procedures for the housebuilding sector

Learning Outcomes of Assessments

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

Report 4500 words 1 2 3 4

Outline Syllabus

The nature and evolution of quality assurance systems used in the construction industry.

Methods for quality control employed by personnel and sub-contractors

TQM methods and application in housebuilding

Students will be encouraged to identify a range of case studies from the construction industry where quality assurance is a focal point. Students will then discuss a range of solutions to problems relating to design, specification, data collection, inspection and control.

Learning Activities

Learning for this module will involve active student participation in lectures, group work, and action learning sets in the discussion of subjects within the module.

Notes

This module focuses on the quality control methods being used in the construction industry to determine if the contractor is properly following good practice and recommended good practice.