



UNIVERSITI TEKNOLOGI MARA

BSS605: BUILDING PATHOLOGY AND CONTROL III

Course Name (English)	BUILDING PATHOLOGY AND CONTROL III APPROVED
Course Code	BSS605
MQF Credit	3
Course Description	The module extends the areas of study of Building Pathology II to surveyors on their duties in the contract, the inspection of high-rise, commercial, industrial and buildings of historic interest, deals with full repairing covenants, dilapidation surveys, disputes and arbitration. Building proposals, warrants and appeals are also covered together with the need for conservation and special requirements related to listed buildings.
Transferable Skills	Students are able to analyse defects in commercial buildings, etc., prepare remedial measures, write report, carry out dilapidation surveys, make advice and able to analyse defects and causes in old buildings.
Teaching Methodologies	Lectures, Blended Learning, Field Trip, Case Study, Tutorial, Presentation, Directed Self-learning
CLO	CLO1 Identify the roles of building survey in conducting condition survey. CLO2 Explain the comprehensive requirements in building pathology for various type of building. CLO3 Practice dilapidation survey for various type of building.
Pre-Requisite Courses	No course recommendations
Topics	
1. duties of surveyors, their performance and their breach 1.1) duties of surveyor	
2. duties of surveyors, their performance and their breach 2.1) performance and breach of duty	
3. Analysis, diagnosis, prognosis and remedial measures for defects 3.1) survey of residential flats	
4. Analysis, diagnosis, prognosis and remedial measures for defects 4.1) survey of commercial properties	
5. assignment 1 (inspection & report writing) 5.1) residential flats, commercial, highrise or factory	
6. Report writing 6.1) highrise, commercial, industry	
7. dilapidation survey and claims in leased properties 7.1) preparing dilapidation schedule and analysis of covenant for claims in leased properties	
8. dilapidation or pre construction survey of adjoining properties 8.1) methods and procedures	
9. current research and development in maintenance 9.1) management and technology	
10. defects & maintenance of listed buildings 10.1) analysis of defects, remedial measures & maintenance	
11. management of conservation projects 11.1) procedure and roles of building surveyors	
12. presentation 12.1) assignment 1	

13. Test & Discussion

13.1) all topics

14. revision

14.1) all topics

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	individual assignment	10%	CLO3
	Test	individual test	10%	CLO1
	Written Report	n/a	20%	CLO3

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Hollis, M, 2000, <i>Surveying Building</i>, 4th Ed., Surveyors Publishers. London • Hollis, M 1988, <i>Dilapidations</i>, Estate Gazette Ltd. London • Feilden B.M. 200, <i>Conservation of Historic Building</i>, 3rd Ed., Architectural Press Oxford • Freeman T.J. et al 2002, <i>Cracks in Houses</i>, BRE and TELFORD Ltd. London. • David S. Watt , 2007, <i>Building Pathology: Principle and Practice</i>, 2nd Ed., Blackwell. • Brian Wood 2009, <i>Building Maintenance</i>, John Wiley

Article/Paper List	This Course does not have any article/paper resources
---------------------------	---

Other References	This Course does not have any other resources
-------------------------	---