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2019 - 2020

**MSc in Quantity Surveying  
(Sustainable Public Building)**



**LIMERICK INSTITUTE  
OF TECHNOLOGY**  
INSTITIÚID TEICNEOLAÍOCHTA  
LUIMNIGH

**Department of Built Environment**

**MSc in Quantity Surveying**

*Master of Science in Quantity Surveying (Level 9)*

Module	Title
MGMT09006	Risk and Knowledge Management

**Knowledge Management Section**

**- Project Brief Assignment**

## Department of Built Environment

### Knowledge Management

Assignment Number: 1

Date of issue: Week of 12<sup>th</sup> January 2020

**Project Brief:**

**Paper :** From the detailed brief attached prepare a typed report using Microsoft Word and submit through the LIT Moodle Knowledge Management (RS) on-line system.

**Type of Project:** **This is an individual project and use of other students' materials is not allowed.**

**Method of**

**Assessment:** Summative Assessment of a Research Paper.

**Estimated student**

**input (hrs) required:** 20 Hours

**Total marks awarded:** 50 marks out of 100 marks for the Risk and Knowledge Management Module

<b>Risk &amp; Knowledge Management</b>	<b>100% assessment</b>
End of Year Exam	50%
<u>Assessment:</u>	
Risk	30%
Knowledge	20%

**Submission Date:** Paper : On or before 03.04.20

**Submission By** LIT Moodle on-line (see Knowledge Management(RS) Moodle Site)

**Penalty for late submissions:**

**Each week after the submission date will be penalised by 20% of the mark awarded on the merit of the project.**

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**Failure to make a submission within 2 weeks of the submission date will result in zero marks for this project.**

## **Detailed Brief**

**Preamble:** The holistic programme approach to assessment is considered integral with the overall approach to learning. Assessment tends to follow the same approach as the learning process – being innovation-based, and relating to the students' workplace or profession. In this context, students are actively encouraged to apply knowledge (what they have learned) to a practical context (their organisation, profession, or working environment). Assessment is made on the extent to which students have been able to **apply** Module material to this context, in particular, in areas where new insight or procedures have been developed or implemented. Students are invited to 'challenge' accepted theories using the flexible framework of the assessment brief to direct their studies through negotiation (with the module leader). This ensures that academic requirements can be met and allows the needs of the individual student, industry or professional requirements to be incorporated. The module contains a large number of sections with short revision questions. Students are encouraged to complete all the short revision questions within the module units and to check on their level of understanding by referring to external sources for validation. Students who are unable to complete the revision questions (to their own satisfaction) are urged to contact the module leader at the earliest opportunity.

## **Continuous Assessment: Assessment Criteria**

### **Show the following**

- Evidence of understanding the concepts, theories and ideas developed in the module
- Application of the concepts, theories and ideas to specific focused areas
- High degree of critical analysis, evaluation, discussion and debate, and positioning of own views within the existing field of research
- Ability to coherently structure a report, to present findings accurately and logically
- Conclude and summarise the relevance of the research completed and recommend the focus for future research

## **Module: Assessment Criteria**

Exam 50%

Continuous Assessment 50%

Assessment: Knowledge Management: Paper 20%

Assessment(s): Risk Management: Alan Carr 30%

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**Title:** **Research Paper**

**Core Material:**

1. Module Units
2. Class Paper Reviews
3. Research Papers

**Learning Outcomes** This assessment deals specifically with the following learning outcomes:

- Interpret the role and use of knowledge management in organisations and the impact that organisational culture can have on knowledge management.
- Demonstrate a breadth of specialised research techniques regarding the major obstacles of the successful implementation of a KM system in organisations, and determine the strategies and approaches to overcome these obstacles.
- Validate complex and advanced research skills and contextualise the fundamental concepts in the study of knowledge management, knowledge creation, acquisition, representation, dissemination, use and re-use, and management.

## Research Paper

This assessment allows the opportunity for the student to reflect, debate and communicate a selected aspect of Knowledge Management in the context of the construction industry.

**Word Length** **3000 - 4000 words maximum, excluding tables, figures and appendices**

**Referencing** **Use of the Harvard Referencing System is compulsory**

### Assessment Task

Your task is to produce a 3,000 - 4,000 word project report, which is to be word-processed and referenced. Each student will select **ONE** Option as listed below based on the module content. One time slot per week is allowed for student-centred time for research using library and electronic sources etc. This will commence on the week of the 2<sup>nd</sup> March and continue up to the research paper submission.

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### Option 1

Base the project on the fictitious/generic company. The project objectives are as follows:

- to undertake a literature review of your selected area(s) of Knowledge Management
- to identify the Knowledge Management development of a fictitious company of your choice. Assume that the company has lost its competitive advantage as a result of a prevailing culture of “me first” or other reason of your choice and is in need of major changes in its business processes.
- to identify specific selected aspect(s) of Knowledge Management that if changed will result in significant improvement in the company’s competitive advantage. The selected aspect(s) should be core to the business. It should contain activities that will allow you to demonstrate aspects of Knowledge Management process improvement.
- to improve/redesign the selected aspect(s)
- to use the findings of the literature review to critically evaluate your analysis, design, and recommendations.

### Option 2

Base the project on the fictitious/generic company. The project objectives are as follows:

- to undertake a literature review of your selected area(s) of Knowledge Management
- to identify an example of a Knowledge Management initiative that has been undertaken in your company.
- to assess if the initiative has been successful. What are some of the issues, both technical and nontechnical, that were faced during its implementation?
- to identify critical success factors for successful implementation
- to use the findings of the literature review to critically evaluate your analysis, design, and recommendations.

### Option 3

Base the project on the fictitious/generic company. The project objectives are as follows:

- to undertake a literature review of your selected area(s) of Knowledge Management
- to identify how would you go about designing a Knowledge Management initiative to support your business needs.
- to assess and measure the nontechnical issues that will be faced during its implementation?
- to identify critical success factors for successful implementation
- to use the findings of the literature review to critically evaluate your analysis, design, and recommendations.

The assessment sheets for the project are in this brief along with a submission cover sheet for the project.

<b>Student Name:</b>		<b>Course:</b> MSc in Quantity Surveying	
<b>Module Leader:</b> Dr Rita Scully	<b>Subject Title:</b> Knowledge Management		<b>Date:</b>

<b>SEMINAR PAPER (20% of 50%CA)</b>	
<b>Assessment Criteria</b>	<b>Mark</b>
<b>Introduction:</b> Has the project scope been identified and a rationale established? Has the proposed structure adopted within the paper been described?  <b>5 Marks</b>	
<b>Technical Content:</b> <ul style="list-style-type: none"> <li>Is the material accurate, relevant and current? Is there sufficient breadth and depth?</li> <li>Relevant factors and data are identified and weighted accurately in terms of their significance.</li> <li>Critical and relevant criteria identified in the scope of the project are identified and prioritised appropriately</li> </ul> <b>50 Marks</b>	
<b>Evidence of Research:</b> Does the material appear to come from a variety of sources, demonstrating a range of research? Is the reference section set out in an appropriate way? Are references incorporated correctly within the paper?  <b>10 Marks</b>	
<b>Understanding:</b> Is the material structured in a logical way with well-reasoned arguments and coherent arrangement? Does the project demonstrate clear understanding of the topic? Is the argument consistent?  <b>20 Marks</b>	
<b>Conclusion:</b> Does the project reach a sensible conclusion, which takes into account all aspects of the topic? Are the main points of the project highlighted?  <b>5 Marks</b>	
<b>Supplementary Material:</b> Has additional material such as photographs, illustrations, charts, tables, flow diagrams, etc. been provided to reinforce the text?  <b>5 Marks</b>	
<b>Presentation:</b> Is the document professionally presented, word-processed and with title sheet, contents page, page numbering, paragraph headings, etc.?  <b>5 Marks</b>	

<b>Sub-Total</b>	<b>/100</b>
<b>Weighted Sub-total</b>	

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**Declaration:**

I declare that the work submitted for this assignment is entirely my own work.

Complete the following table to give effect to your declaration.

Student Name	K-Number	Date

**Note: This Declaration MUST be submitted as part of your assignment.**