0.1 Module Introduction

0.1.1 Teaching Team

- Dr Gemma Cremen Lecture in Resilience Engineering, Module Coordinator, g.cremen@ucl.ac.uk
- Dr Tim Hillel Lecturer in Analytics of Infrastructure Systems, Deputy Module Coordinator, tim.hillel@ucl.ac.uk
- Mr Umut Lagap PhD Student in Risk and Resilience, PGTA, umut.lagap.21@ucl.ac.uk

0.1.2 Assessment

Assessment Type	Description	Weighting
Quiz	Three multiple-choice quizzes over the course of the module , to be turned in within 24 hours	15% (3 x 5%)
Course Project	Written report and recorded presentation on a project to be set halfway through the module, to be completed in 6 weeks	40%
Individual Exercise	Written set of questions completed in examination conditions	45%

Figure 1: Module Assessment.

0.1.3 Timeline

Lecture Number	Date	Lecture Topic	Assessment Set	Assessment Due		
1	3 rd October 2022	Introduction to Module; Public Economics				
2	10 th October 2022	Public Goods and Externalities				
3	17 th October 2022	Techniques for Project Evaluation	Quiz 1 set Wednesday 19th October 12pm	Quiz 1 due Thursday 20 th October 12pm		
4	24 th October 2022	Cost-Benefit Analysis	Quiz 2 set Wednesday 26 th October 12pm	Quiz 2 due Thursday 27 th October 12pm		
5	31st October 2022	Guest lectures on HS2 and the Lower Thames Crossing; Introduction to Course Project	Course project set Monday 31 st October in class	Course project presentation due Monday 12 th December in class; Course project report due Friday 16 th December at 5pm		
Reading Week						
6	14 th November 2022	Companies and Financial Accounting	Quiz 3 set Wednesday 16 th November 12pm	Quiz 3 due Thursday 17 th November 12pm		
7	21st November 2022	Project Planning Financial Project Planning				
8	28 th November 2022	Risk Analysis				
9	5 th December 2022	Project Management				
10	12 th December 2022	Course Project Presentations	Course project presentation delivered in class			
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8	28 th November 2022					
9	5 th December 2022	Project Management				
10	12 th December 2022	Course Project Presentations	Course project presentation delivered in class			

Figure 2: Module Timeline.