



**SMCSE**  
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**It takes two to Quiz**



### First things first

- Module planning for online delivery for the PG cohort with limited peer group interaction
- Continuous assessment design with formative/summative components
- The implementation process, in terms of the issue of sample practice quiz, availability of materials on Moodle and the regular scheduling of quizzes.

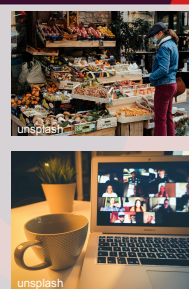
### Sample Module

	2019/20	2020/21
Learning objectives		✓
Coursework	20%	↗ 50%
Exam	80%	↘ 50%

### Module Plan 2020/21

Level 7 Module (Autumn term)

Learning	Coursework	
Background	Quiz 1	10%
New concepts	Quiz 2	10%
New tools	Quiz 3	10%
Applications	Coursework task	20%



### Timeline

week	1	2	3	4	5	6	7	8	9	10	
Quiz				Q1		Q2		Q3			Before lecture
Feedback											
Learning	Background	New concepts	New Tools	Applications							Lecture
		Mock M1	Mock M2	Mock M3							

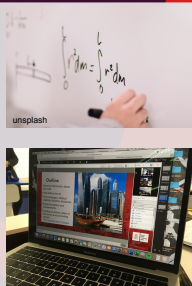
Q1, Q2 and Q3  
CW Formative Summative

### Challenges

- Balancing the content
- Capturing issues early
- Maintaining engagement
- Marking for efficient and timely feedback
- Increased staff workload is not justifiable
- Maintaining communication with students
- Moodle as the sole platform that could be sensibly relied on

### Solution

- Introduction of short (30min) WIRIS Quiz
- Example Quiz design to assess prior mathematical knowledge
- Outcomes of continuous assessment using WIRIS Quiz
- Moderation of assessment outcomes



### Learning

2020/21

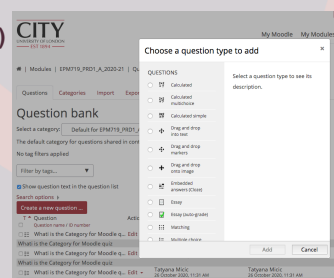
- Traditional lectures in a synchronous online format
- Slides provided in .pdf format
- Recordings made available on Moodle
- Quiz practice questions (QPQ) released for 2 weeks of teaching
- 2 weeks allowed for students to work through QPQ
- 30 min Quiz set before the lecture of the week
- Feedback provided at the start of the lecture

*Effectively the learning cycle is closed, continuity enabled*

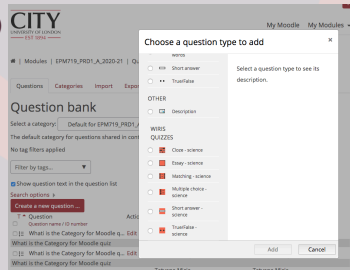
### Learning effectiveness

- Manageable workload
- Quizzes are short and thus, manageable
- Formative feedback provided within minutes, in a timely manner
- Lecturer can evaluate effectiveness of teaching and provide appropriate support
- Students can manage their learning independently

### Quiz (Moodle)



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