A more inclusive approach to module delivery and assessment

Hector

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Clare

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This session is being recorded.

1. The plan for today's 'lectorial'

What is a lectorial?!

Time	Activity
1:40-1:45 pm	1. INTRO & PLAN FOR THE SESSION
1:45-1:55 pm	2. BREAKOUT ROOM – Browse Xerte
1:55- 2:25 pm	3. DISCUSSION – Module Structure
	4. DISCUSSION – Methods of Delivery
	5. DISCUSSION – Assessment Strategy
	6. DISCUSSION – Teaching Tools and Technolgies
2:25- 2:35 pm	7. FAQs
2:35- 2:40 pm	8. QUALTRICS SURVEY

1. The plan for today's 'lectorial'

We are going to discuss:

A. Module Structure
B. Methods of Delivery – Pre/ During /Post COVID
C. Assessment Strategy
D. Teaching Tools and Technologies – Interactive teaching approaches

We are also going to discuss:
- Lectorial classroom Approach
- Inclusivity/ Accessibility
- Attainment/ Awarding Gap
- Student Feedback/ Strengths and Weaknesses

So, what is a Lectorial ???

Try it!

Go to Menti.com

Enter the code: **5994 5904**

https://www.menti.com/adpcwqs3uj

So, what is a Lectorial ???

Lectures

+

Tutorials
_____
= Lectorials

- Focus on key messages;
- Discuss Case studies/tasks & check students' understanding;
- Tackle key questions with ALL students during the 'Lectorial' time.
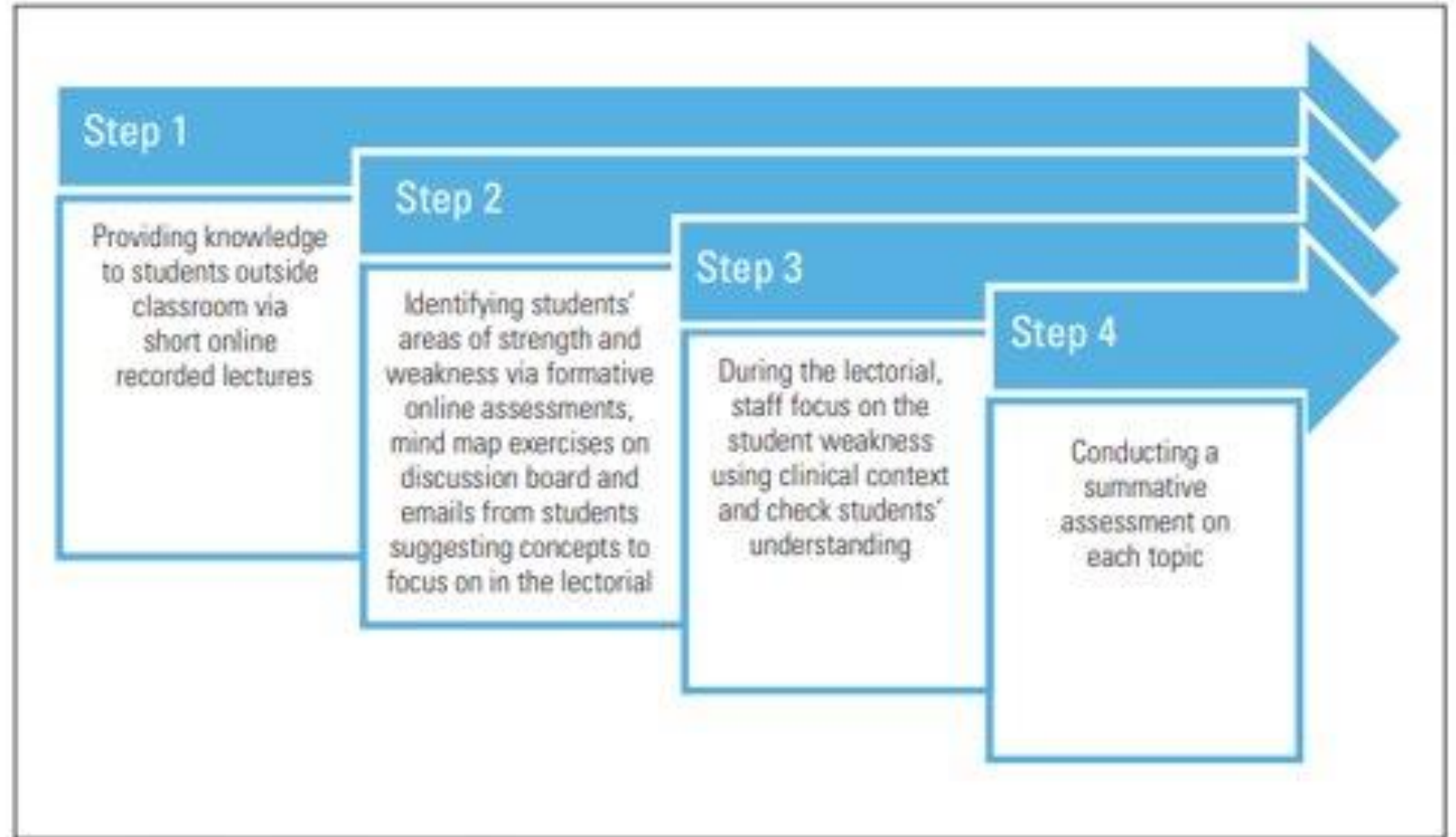- Reinforce during Seminars (tasks)

Step 1
Providing knowledge to students outside classroom via short online recorded lectures

Step 2
Identifying students' areas of strength and weakness via formative online assessments, mind map exercises on discussion board and emails from students suggesting concepts to focus on in the lectorial

Step 3
During the lectorial, staff focus on the student weakness using clinical context and check students' understanding

Step 4
Conducting a summative assessment on each topic

Figure - Steps in developing Lectorials by Thalluri and Penman (2018)

2. Breakout Room
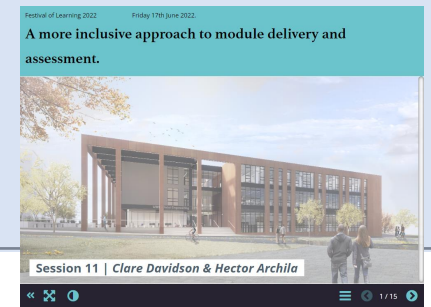
- **Please check this session's Xerte and discuss in your groups (Breakout room) what were the...**

Group 1: Module Structure

Group 2: Methods of Delivery

Group 3: Assessment Strategy

Group 4: Teaching tools & Technology

Link to Xerte: https://xerte.uwe.ac.uk/play_5884

2. Breakout rooms

A method used during COVID, when all teaching was online

We will split you into 4 different groups and give you 10 minutes to review the Xerte object and discuss or note down something relating to the four following categories:
1. Module Structure
2. Methods of Delivery
3. Assessment Strategy
4. Teaching Tools and Technologies

We will ask you to present to others in 10 minutes when we return.

Please nominate a spokesperson.

You have
10 minutes

Diana Laurillard's
Six Learning Types...
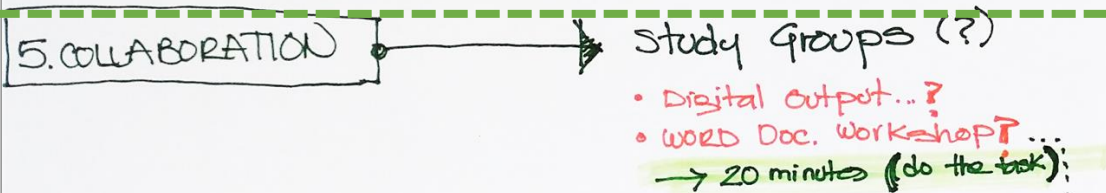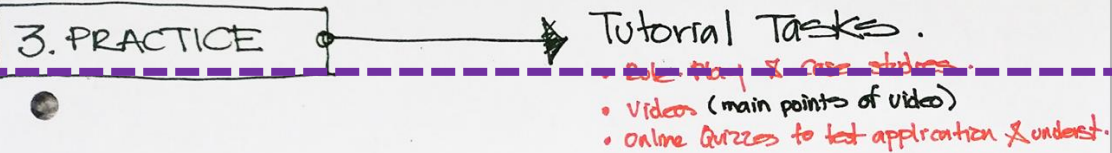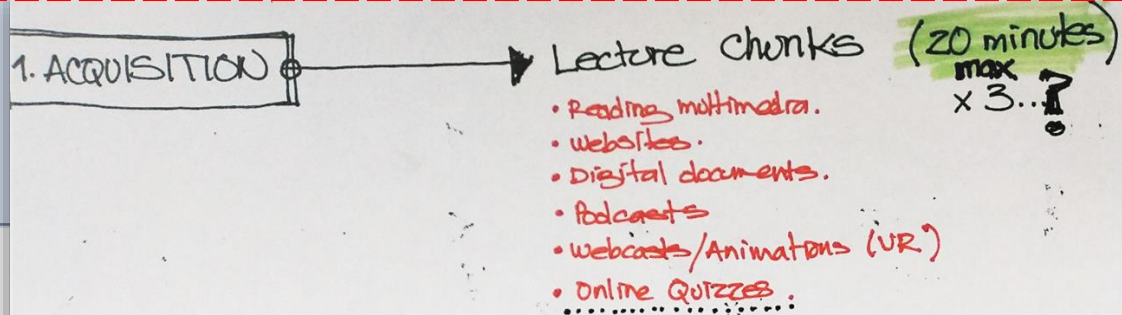
✓ Merging Lectures with Tutorials = **Lectorials**
Tackle key questions with ALL students during the 'Lecture' time

✓ Flipped classroom > Recorded Lectures

✓ Tutorials > Seminars = practice/reinforcement/discussion

✓ Online regular Quizzes & Seminar Tasks

✓ Working together, co-creating and sharing leadership with my module's teams...!

'Flipped Classroom' Approach

- Pre-recorded lecture – Using Xerte objects

Festival of Learning 2022   Friday 17th June 2022.

A more inclusive approach to module delivery and assessment.

Session 11 | *Clare Davidson & Hector Archila*

1 / 15

3. Module Structure

Clare

Construction Technology and Services 1

UBLMYS - 30 - 1

Module Code

30 credits

Level 1 module
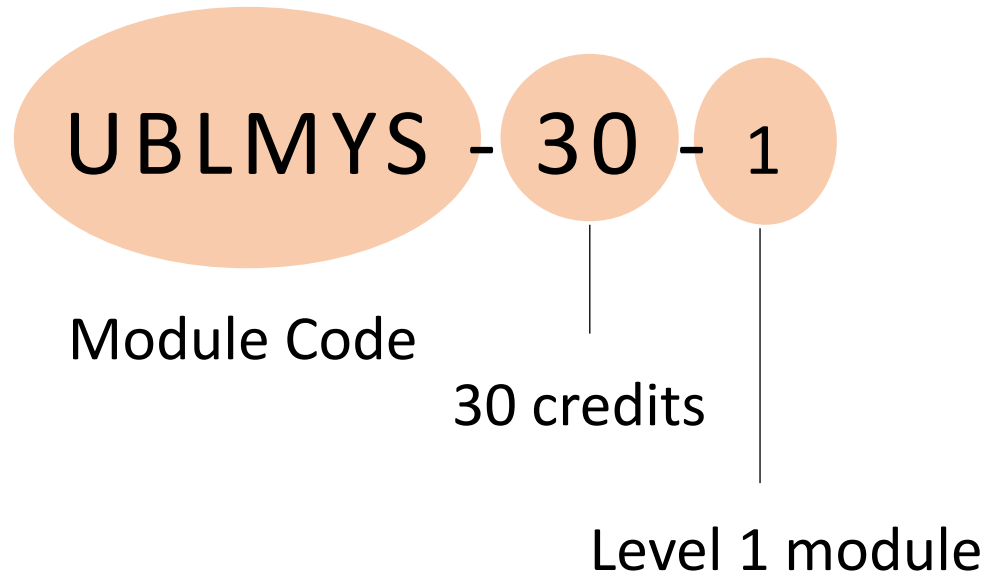
Taken by:

- BSc Building Surveying
- BSc Quantity Surveying and Commercial Management
- BSc Architectural Technology and Design
- BEng Building Services Engineering
- BSc Construction Project Management

- Full time/ Part time
- Apprenticeship students

2021/22 Approx. 180 students

Faculty of Environment and Technology (FET)
Department of Architecture and the Built Environment (ABE)

Engagement & 'MyEngagement'

Table 2 Indicative study hours

Teaching / Learning Description:	Hours
Lectures - self-directed learning	30
Lectorials - directed learning	30
Seminars - scheduled learning	30
Field trips/ Study Visits (TBC)	
Summative Assessment – Quiz revision + tutorial tasks	60
Summative Assessment – Coursework preparation + completion	40
Directed Independent Learning	55
Self-Directed Independent Learning	55
Total	300 hours

Calculated using:

- Blackboard use
- Online sessions
- Panopto use
- Library use/ Reading list
- Logging in with UWE ID
- Submitting work
- MyAttendance

Module Team

Hector (ML)

Clare (ML)

Stacey

Becky

PALs   Thomas

Isaac

Nurul

2. Methods of Delivery

Weekly Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
9-10am			Seminar & PAL		
10-11am		Lectorial			
11-12pm		Lectorial	Seminar & PAL		
12-1pm					
1-2pm		Seminar & PAL			
2-3pm		Seminar & PAL			
3-4pm		Seminar & PAL			
4-5pm	Submit by 5pm	Seminar & PAL			
5-6pm		Submit by 5pm			Quiz Released 5pm
6-7pm		Lecture Released			
7-8pm		Lecture Released			

Module Delivery – the structure we proposed and 'defended'

'Multi-modal'

Lecture Released

Pre-recorded Xerte (approx. 2 hours to complete)

Released 1 week prior to the live lectorial (Tues)

Includes further reading
Includes a Menti for questions

Lectorial

1 ½ hrs Face-to-face

Reinforces the lecture material (often using in-session tasks)

Assigns and peer reviews a weekly task
(due Mon/Tues)

Seminar & PAL

½ hour with tutor
1 hour with PAL
Face-to-face

Time assigned to completing the weekly task
(& questions)

Multiple choice quiz with 10 randomised questions

Released every 2 weeks on key topics

Available for 7 days

Quiz Released

'Lectorial' Booklet

3. Assessment Strategy

Clare

Assessment briefs

UBLMYS-30-1
Construction Technology and Services 1

Component B Assignment Brief

Technical Building Proposal
Due Thursday 16th December 2021

Module Leaders:

Dr Hector Archila,
AFHEA, PhD, PGPM, BArch,
Senior Lecturer

Clare Davidson
AFHEA, PGCert, ARB, BArch
Senior Lecturer

Dept. of Architecture and the Built Environment
Faculty of Environment and Technology

UWE Bristol | University of the West of England

UBLMYS-30-1 | Construction Technology & Services 1
Technical Building Proposal | Due 16th December 2021 at 2:00 pm | ve. 01/10/2021 09:38

Component B
'Technical Building Proposal'
40%

UBLMYS-30-1
Construction Technology and Services 1
Component A

Portfolio of Engagement
Portfolio of Revised Tasks – Brief (A3)
Due Thursday 28th April 2022 by 2pm

Module Leaders:

Dr Hector Archila
AFHEA, PhD, PGPM, BArch
Senior Lecturer

Clare Davidson
AFHEA, PGCert, ARB, BArch
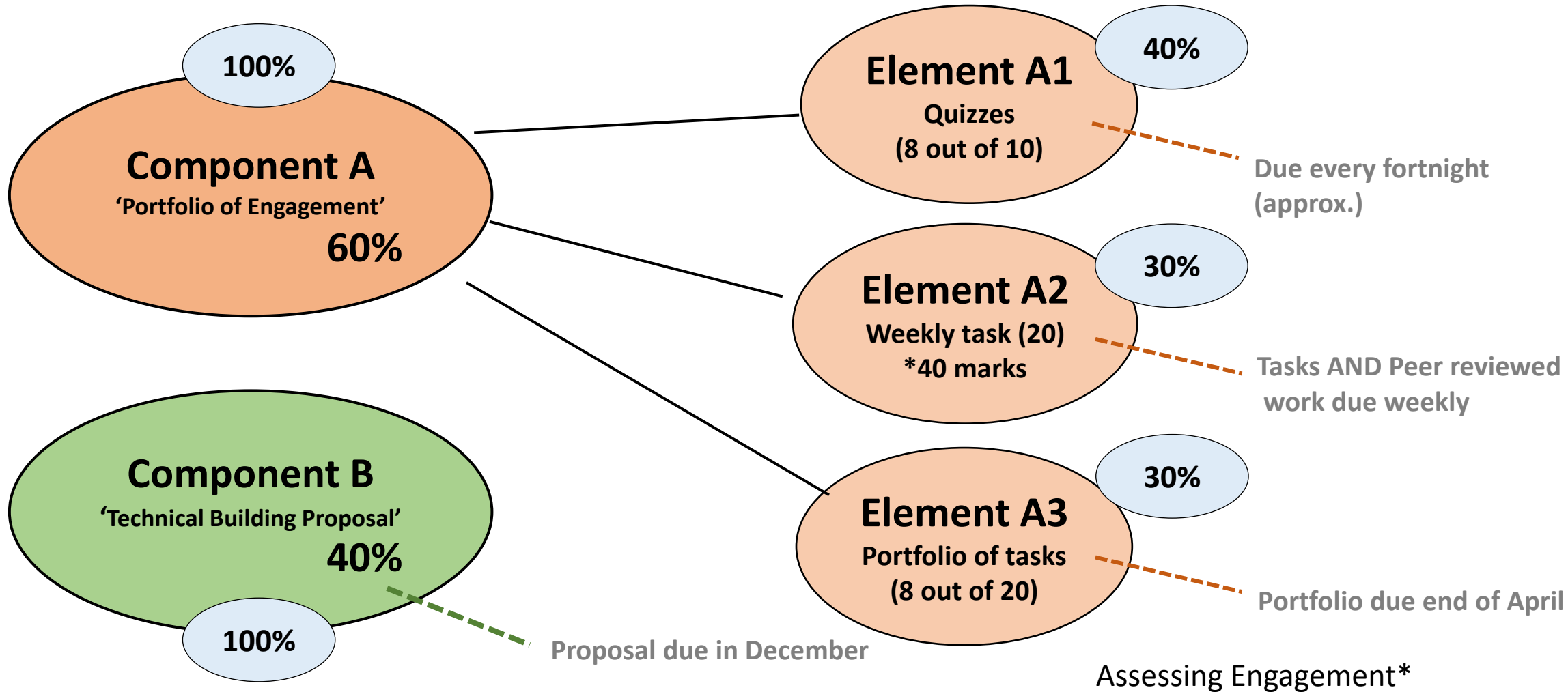*Senior Lecturer*

Dept. of Architecture and the Built Environment

UWE Bristol | University of the West of England
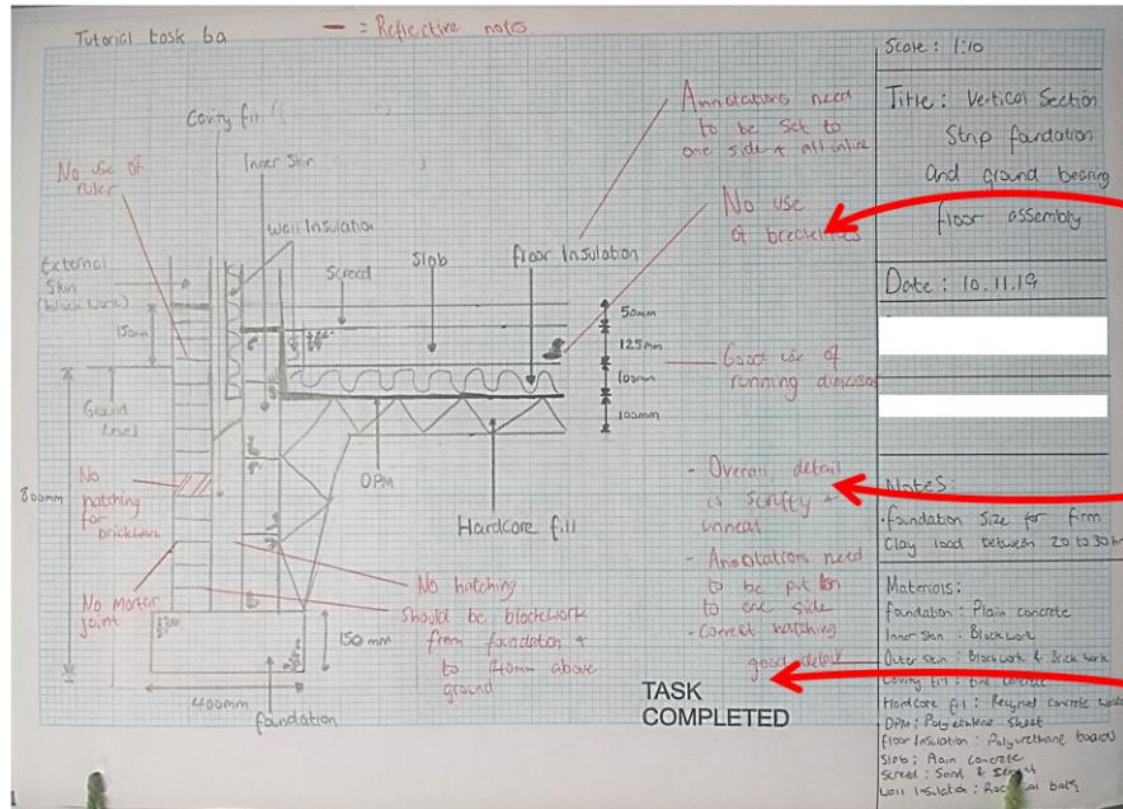
Sail bridge, Swansea, UK | Photograph by Hector Archila ©

Component A
'Portfolio of Engagement'
60%

Module Components and Weighting %

Element A2: Weekly Tutorial Tasks

Peer review comments…

…allow students to refine the work for their Portfolio assignment

4. Teaching Tools & Technology

Hector

Software / TEL – tools

Blackboard®

Blackboard Collaborate
My Attendance

Xerte
an apereo community project

Mentimeter

seppo°
Spark for learning

Office 365

X

Teams

AppsAnywhere

Word/ Adobe/ Chrome/ Panopto

‘Adobe Scan’ app – UWE log in

Xerte Lecture platform

Menti – ‘I don’t get it board’

appsanywhere.uwe.ac.uk

Microsoft Teams

Software / TEL – tools

...and those who enable them!

Giles Boon
Oliver Haslam
Pablo Pérez
Jim Mason
Rebecca Lashley
Prof Elena Marco
Mike Clapp
FetSat (Timetabling)
Oliver Davey
and many others…

The Module Blackboard Page

UBLMYS-30-1 - Construction technology and services 21sep_1   Announcements   Edit Mode is: • OFF

Institution   **Course**

UBLMYS-30-1 - Construction technology and services 21sep_1

- Announcements
- Module Handbook
- Module Schedule
- Module Team

- Tutorial Booklets
- Learning Materials
- Reading List

- Tutorial TASKS
- Quizzes
- Assignments

- Blackboard Collaborate Ultra

- Study Skills & Support
- Communications Policy

Announcements

Welcome to Construction Technology and Services 1!

Posted on: Friday, 1 October 2021 10:41:58 o'clock BST

Welcome everyone!

Well done to those of you that have registered AND have recieved this e-mail - that's a sign that you are recieving and checking your UWE e-mails! We hope that you have enjoyed your Induction weeks and that you have begun settling in to UWE. To those of you who are returning to UWE, welcome back!

We are your Module Leaders for this large first year module and we would like to introduce you to the first of our 1-2-3 announcements.

1 - Main Announcement

Most of the information for this module is now live on this Blackboard page. You will be able to view the Module Handbook, the Schedule for this first Autumn term, the Module Team details and the first Tutorial Booklet - your 'bible' for the first term! Please surf through the documents at your leisure, over the coming days.

2 - Your module Introduction

We will all be meeting as a group on **Tuesday 5th October from 4-6pm in room 2D067** - as per your timetables (hopefully!). The module team; including our PAL leaders, are looking forward to meeting you all in person, where we will introduce the module, distribute some material and give you a 'taster' of what to expect in this module. We are hoping to record this session for those that cannot attend and the recording will be saved in the Learning Materials folder on Blackboard. Please arrive on time and please wear your masks, wherever possible. Bring pens, notebooks, laptops etc... Remember to keep checking your UWE e-mails and your timetables, for any last minute announcements/ changes.

3 - In Advance...

Posted by: Clare Davidson
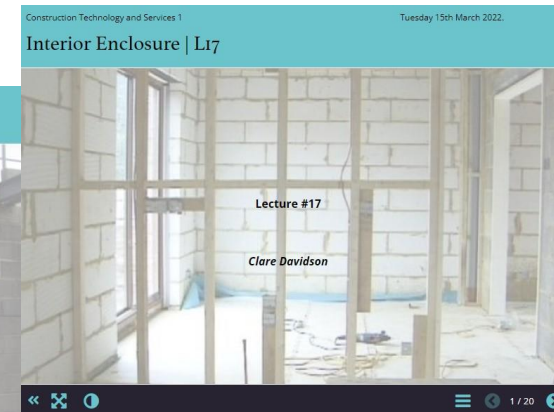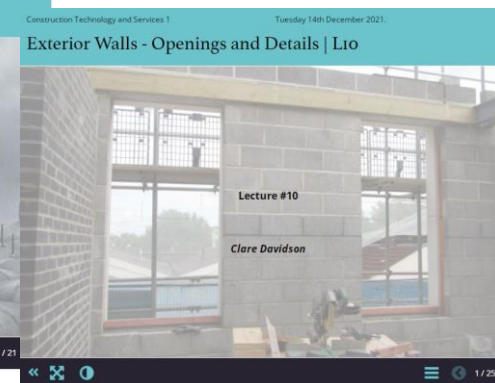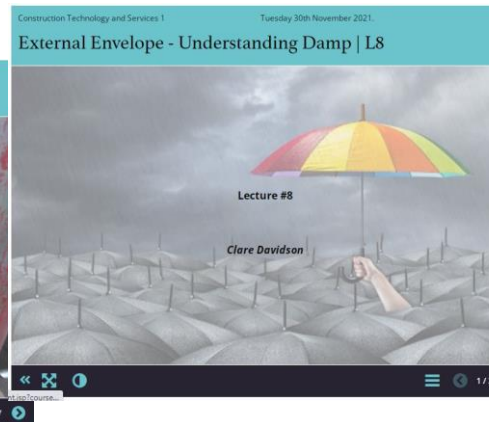Posted to: UBLMYS-30-1 - Construction technology and services 21sep_1

Xerte for Pre-recorded lectures

- A range of learning styles – videos, images, text, interactivity, narration

- Using an accessible template – good quality, clear and well-designed resources

Xerte for Pre-recorded lectures

- Embedded content/ PDFs
- You Tube videos
- Interactive Text/ Gap fill
- Drag and Drop Labelling
- Multiple-choice questions
- Sortable grid
- Matching
- Hotspot questions
- Image viewer
- Narration

Menti for questioning or quizzes

Menti

Try it!
Go to Menti.com
Enter the code: 1791 2190

The 'I don't get it' board

360 Images

Roof Structure & Coverings

360 Images

'Navigate the 360 photos of the NSBRC centre in Swindon research ALL you can and prepare a 5 minutes presentation for the whole group.

- *Identify the type of roof & materials*
- *Roof components*
- *Installation details*
- *Benefits & Drawbacks*

'Navigate the 360 photos of the NSBRC centre in Swindon

research ALL you can and prepare a 5 minutes presentation for

the whole group !

- **Identify the type of roof & materials**
- **Roof components**
- **Installation details**
- **Benefits & Drawbacks**

LEFT
Roof Construction – exterior (018)

CENTRE
Attic Roof Construction (006)

RIGHT
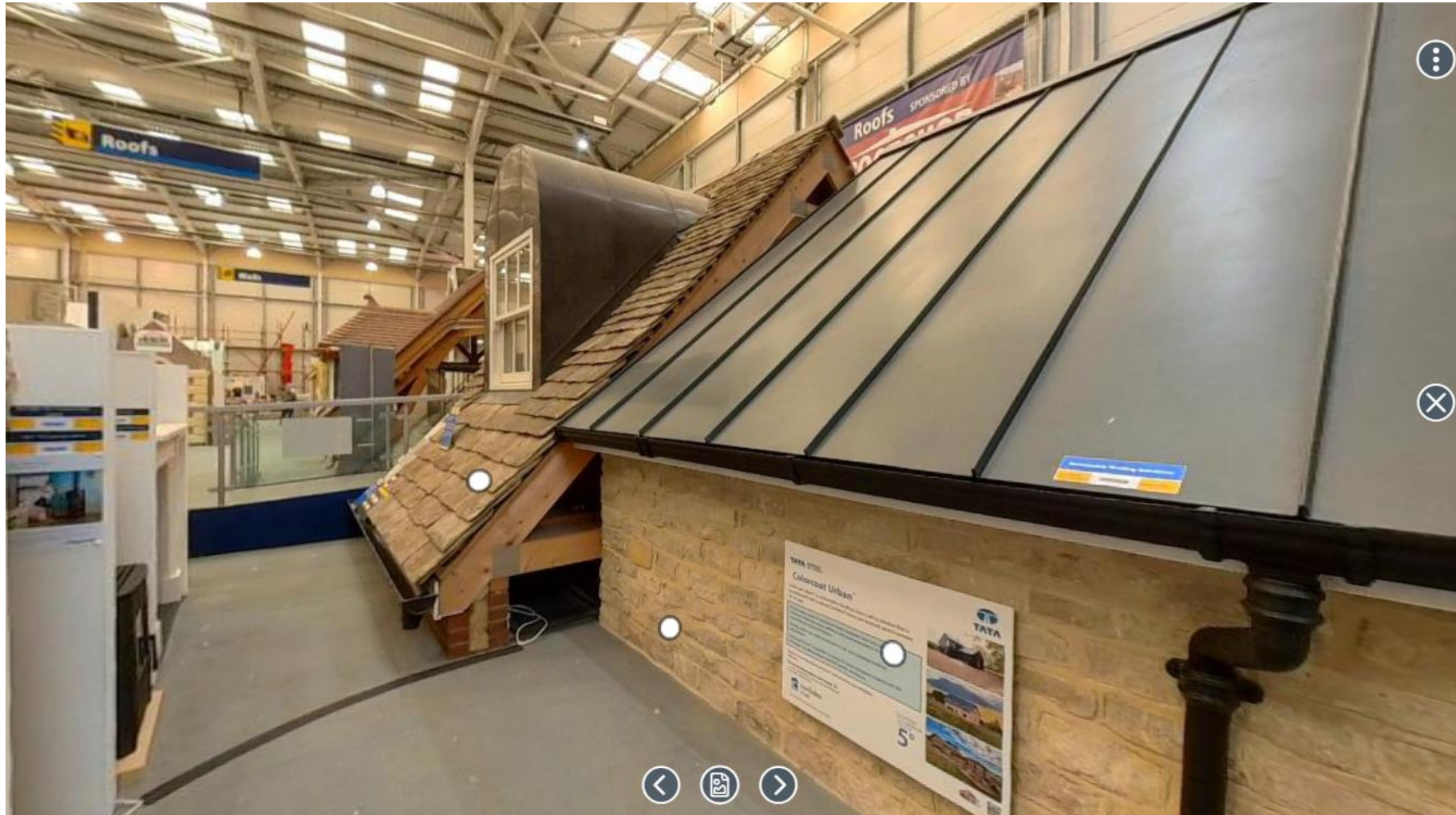*Roof Construction – exterior (009)*

Attic roof construction

Standing seam roof

Thatched roof

Qualtrics for student feedback

Construction Technology and Services 1 (UBLMYS-30-1)

Your feedback

Qualtrics Survey

We are constantly improving the Learning and teaching Materials of this module: Construction Technology & Services 1 (UBLMYS-30-1)

Please feedback to us your experience with this lecture!

It only takes 30 secs.

Please rate the following aspects of this 'pre-recorded' lecture?

Content's Quality & Organisation ☆☆☆☆☆

Engaging ☆☆☆☆☆

27 / 27

Qualtrics results

Strengths and Weaknesses

Hector

Attainment gap/ Awarding gap

Ethnicity Module Gaps (BAME - White)

Last Refresh 22/06/21

Year selected: 19/20 | Module View | Programme View | Disqualified Modules | 5 Year Trend | Component Marks | Please use filters to the right.

Module Attainment Gaps - Average Pass Rate and Average Module Marks

Module Name	Code	Level	BAME Students	White Students	% BAME	BAME Pass Rate	White Pass Rate	Pass Rate Diff. (pp)	x more BAME	x more White	BAME Av. Mark	White Av. Mark	Av. Mark Diff.
CONSTRUCTION TECHNOLOGY AND SERVICES	UBLMYS-30-1	1	23	131	14.9 %	73.9 %	87.0 %	13	3		43	58	15

Average mark difference between both groups was 15 points.

- PAL Sessions to identify struggling students
- Identifying lack of Engagement
- Mid-year e-mail communication

Attainment gap/ Awarding gap

Average mark difference between both groups was 13 points.

Awaiting 21/22 Results...

Student Feedback - Strengths 🙂

'Pre-recorded lectures are good because you can watch them when it suits you, and everybody has different needs, personal timetables and engagements. You can also pause, rewind and write comprehensive notes. You can't do this is a lecture theatre.' *2021*

'The **Quizzes are well laid out and easy to follow**. There is an easy to follow lecture schedule. Materials are well organised and easy to find on blackboard (very accessible). The coursework is better than having an assessment.' *2022*

'The **tasks work well - they are enjoyable** and I feel like I learn a lot from doing them.' *2022*

'The **pre-recorded lectures are well organised**, slightly long, but organised.' *2021*

'I like the **1-on-1 feel that I get within the seminars**, the small groups allow for more personal learning. Easier to ask questions etc.' *2022*

'The lectures are **structured** so you know exactly what to expect out of them which I liked. Also, the module handbook was very clear, more so than my other modules.' *2021*

Student Feedback - Weaknesses

'We have received no **guidance or help on referencing** and the university guide is not helpful for beginners. It should give more examples and precedents. It is difficult to understand which type of document I am trying to reference.' *2021*

'I think the lecturers sometimes assume that students have **access to software or printers/scanners** that they do not, I think it would be beneficial to introduce all the useful software and apps required for tasks during an earlier session.' *2021*

'I think the weekly tutorials would have been better used discussing the topic as a group, as the breakout groups didn't work.' *2021*

'Often **recorded lectures would take significantly longer than the 2 hours** that a lecture should take to complete.' *2021*

'Tasks to be categorised and given **marks awarded according to their difficulty/time** required to complete. As some take may take minutes and others several hours yet all have an equal weighting.' *2022*

The future...

Building together (sharing practice)

Engaging different learning styles/types

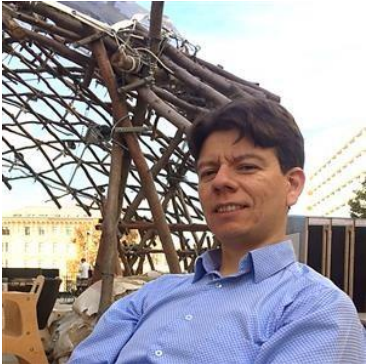A lot of preparation…!

New & Relevant Lectorial Exercises!

Work in progress, improving delivery, etc

Thanks!

Hector

Hector.Archila@uwe.ac.uk

Clare

Clare.Davidson@uwe.ac.uk

Your Feedback on Qualtrics