ONE HOUR ONLINE LECTURERS WITH INCREASING INTERACTIVITY

THEME	TIME	DESCRIPTION	Total
		One Hour On-Line Lecture – Almost No Interaction	
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Details – Part 1	20 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	27 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	32 minutes
Details – Part 2	20 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	52 minutes
Summary	2 minutes	"Everyone type in one word, one phrase, one idea, that they heard during the class, anything you can remember". Lecturer reads words as they are appearing on the screen.	54 minutes
Closing	2 minutes	Final thoughts, homework, reminders	56 minutes

One Hour On-Line Lecture – A Little Interaction

THEME	TIME	DESCRIPTION	Total
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Interaction	6 minutes	"Does anyone know anything about [*this topic*]?" • [Chat] Type "Yes" or "No" in the chat • [Voting] Vote on Question 1 "Now I've already mentioned that everyone is going to have to speak at least once during this module, so if you answered yes, and want to say something about [*this topic*] just type "me" into the chat. "OK, we'll hear from Alice, then Bob, then Claire. Alice, can you unmute your mic?"	13 minutes
Details – Part 1	12 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	25 minutes
Break	5 minutes	"*We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	30 minutes
Details – Part 2	12 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	42 minutes
Interaction	2 minutes	Take a vote or use the chat for something else.	44 minutes
Benefits	3 minutes	Advantages, boons, reasons why this is a good thing, and worth discussing.	47 minutes
Shortcomings	3 minutes	Disadvantages, banes, why it isn't always a good thing, and what the critics say.	50 minutes
My View	3 minutes	You, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	53 minutes
Summary	2 minutes	"Everyone type in one word, one phrase, one idea, that they heard during the class, anything you can remember". Lecturer reads words as they are appearing on the screen.	55 minutes
Closing	2 minutes	Final thoughts, homework, reminders	57 minutes

One Hour On-Line Lecture – Some Interaction

THEME	TIME	DESCRIPTION	Total
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Interaction	6 minutes	"Does anyone know anything about [*this topic*]?" • [Chat] Type "Yes" or "No" in the chat • [Voting] Vote on Question 1 "Now I've already mentioned that everyone is going to have to speak at least once during this module, so if you answered yes, and want to say something about [*this topic*] just type "me" into the chat. "OK, we'll hear from Alice, then Bob, then Claire. Alice, can you unmute your mic?"	13 minutes
Details – Part 1	12 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	25 minutes
Break	5 minutes	"*We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	30 minutes
Interaction	10 minutes	Show a video, or give the students a search task, or ask them to listen to a quick podcast, or to run a simulation.	40 minutes
Interaction	4 minutes	[Chat] Get students to post a three sentence summary of their findings.	44 minutes
Benefits	3 minutes	Advantages, boons, reasons why this is a good thing, and worth discussing.	47 minutes
Shortcomings	3 minutes	Disadvantages, banes, why it isn't always a good thing, and what the critics say.	50 minutes
My View	3 minutes	You, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	53 minutes
Summary	2 minutes	"Everyone type in one word, one phrase, one idea, that they heard during the class, anything you can remember". Lecturer reads words as they are appearing on the screen.	55 minutes
Closing	2 minutes	Final thoughts, homework, reminders	57 minutes

One Hour On-Line Lecture – Loads of Interaction

THEME	TIME	DESCRIPTION	Total
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Interaction	6 minutes	"Does anyone know anything about [*this topic*]?" [Chat] Type "Yes" or "No" in the chat [Voting] Vote on Question 1 "Now I've already mentioned that everyone is going to have to speak at least once during this module, so if you answered yes, and want to say something about [*this topic*] just type "me" into the chat. "OK, we'll hear from Alice, then Bob, then Claire. Alice, can you unmute your mic?"	13 minutes
Interaction	7 minutes	Show the students a video.	20 minutes
Interaction	6 minutes	Give the students the students a task to follow-up on the video, maybe a searching task.	26 minutes
Interaction	4 minutes	[Chat] Get students to post a three sentence summary of their findings.	30 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	35 minutes
Details	10 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	45 minutes
Benefits	3 minutes	Advantages, boons, reasons why this is a good thing, and worth discussing.	48 minutes
Shortcomings	3 minutes	Disadvantages, banes, why it isn't always a good thing, and what the critics say.	51 minutes
My View	3 minutes	You, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	54 minutes
Summary	2 minutes	"Everyone type in one word, one phrase, one idea, that they heard during the class, anything you can remember". Lecturer reads words as they are appearing on the screen.	56 minutes
Closing	2 minutes	Final thoughts, homework, reminders	58 minutes

One Hour On-Line Lecture –Almost Full Interaction

THEME	TIME	DESCRIPTION	Total
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Interaction	6 minutes	"Does anyone know anything about [*this topic*]?" • [Chat] Type "Yes" or "No" in the chat • [Voting] Vote on Question 1 "Now I've already mentioned that everyone is going to have to speak at least once during this module, so if you answered yes, and want to say something about [*this topic*] just type "me" into the chat. "OK, we'll hear from Alice, then Bob, then Claire. Alice, can you unmute your mic?"	13 minutes
Interaction	7 minutes	Show the students a video.	20 minutes
Interaction	6 minutes	Give the students the students a task to follow-up on the video, maybe a searching task.	26 minutes
Interaction	4 minutes	[Chat] Get students to post a three sentence summary of their findings.	30 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	35 minutes
Interaction	15 minutes	Pick three or four students to share their findings with the class.	50 minutes
My View	5 minutes	Outline advantages and disadvantages, then you, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	55 minutes
Summary	2 minutes	"Everyone type in one word, one phrase, one idea, that they heard during the class, anything you can remember". Lecturer reads words as they are appearing on the screen.	57 minutes
Closing	2 minutes	Final thoughts, homework, reminders	59 minutes

ONE HOUR ONLINE LECTURERS WITH INCREASING CREATIVITY

One Hour On-Line Lecture – Almost No Creativity			
THEME	**TIME**	**DESCRIPTION**	**Total**
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Details – Part 1	20 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	27 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	32 minutes
Details – Part 2	20 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	52 minutes
Key Points	2 minutes	*"Everyone write down three words that represent what you think the three key points of the lesson was, email them to me and I'll put them all together in a Word Cloud for next week."*	54 minutes
Summary	2 minutes	A quick summary of the topics	56 minutes
Closing	2 minutes	Final thoughts, homework, reminders	58 minutes

One Hour On-Line Lecture – A Little Creativity

THEME	TIME	DESCRIPTION	Total
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Details – Part 1	10 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	17 minutes
Simulator	10 minutes	Spend some time playing with a simulator, or completing a crossword, or drawing a picture.	27 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	32 minutes
Details – Part 2	20 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	52 minutes
Key Points	2 minutes	*"Everyone write down three words that represent what you think the three key points of the lesson was, email them to me and I'll put them all together in a Word Cloud for next week."*	54 minutes
Summary	2 minutes	A quick summary of the topics	56 minutes
Closing	2 minutes	Final thoughts, homework, reminders	58 minutes

		One Hour On-Line Lecture – Some Creativity		
THEME	**TIME**	**DESCRIPTION**	**Total**
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Overview, helicopter view of topic, main ideas, not too much detail, but main themes.	7 minutes
Details – Part 1	10 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	17 minutes
Simulator	10 minutes	Spend some time playing with a simulator, or completing a crossword, or drawing a picture.	27 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	32 minutes
Video	8 minutes	Watch a fun, interesting video relevant to the topic.	40 minutes
Activity	5 minutes	Get the students to draw a diagram to represent their key takeaways from the video; it could be an abstract image, a concept map, a MindMap, a chart, or an infographic.	45 minutes
Benefits	3 minutes	Advantages, boons, reasons why this is a good thing, and worth discussing.	48 minutes
Shortcomings	3 minutes	Disadvantages, banes, why it isn't always a good thing, and what the critics say.	51 minutes
My View	3 minutes	You, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	54 minutes
Summary	2 minutes	A quick summary of the topics	56 minutes
Closing	2 minutes	Final thoughts, homework, reminders	58 minutes

		One Hour On-Line Lecture – Loads of Creativity	
THEME	**TIME**	**DESCRIPTION**	**Total**
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Introduce the topic using a Word Cloud, a MinMap, a Prezi, or an infographic.	7 minutes
Details – Part 1	10 minutes	Facts and figures, processes and procedures, diagrams and descriptions, all the key information.	17 minutes
Simulator	10 minutes	Spend some time playing with a simulator, or completing a crossword, or drawing a picture.	27 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	32 minutes
Video	8 minutes	Watch a fun, interesting video relevant to the topic.	40 minutes
Activity	5 minutes	Get the students to draw a diagram to represent their key takeaways from the video; it could be an abstract image, a concept map, a MindMap, a chart, or an infographic.	45 minutes
Benefits	3 minutes	Advantages, boons, reasons why this is a good thing, and worth discussing.	48 minutes
Shortcomings	3 minutes	Disadvantages, banes, why it isn't always a good thing, and what the critics say.	51 minutes
My View	3 minutes	You, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	54 minutes
Summary	2 minutes	A quick summary of the topics	56 minutes
Closing	2 minutes	Final thoughts, homework, reminders	58 minutes

One Hour On-Line Lecture – Almost Full Creativity			
THEME	**TIME**	**DESCRIPTION**	**Total**
Introduction to Class	3 minutes	Welcome everyone, any notifications, any instructions for class, any business to tie up since last class.	3 minutes
Introduction to Topic	4 minutes	Introduce the topic using a Word Cloud, a MinMap, a Prezi, or an infographic.	7 minutes
Guest Lecturer	20 minutes	Surprise the students with a guest lecturer to come into chat for 20 minutes about the topic.	27 minutes
Break	5 minutes	*"We're going to take a 5 minute break now, I going for a cup of tea. I'll be playing some music in the interim. So we'll see you at* [CurrentTime + 5 minutes]". Put up picture of a forest, or some nature-y thing over the break.	32 minutes
Video	8 minutes	Watch a fun, interesting video relevant to the topic.	40 minutes
Activity	5 minutes	Get the students to draw a diagram to represent their key takeaways from the video; it could be an abstract image, a concept map, a MindMap, a chart, or an infographic.	45 minutes
Benefits	3 minutes	Advantages, boons, reasons why this is a good thing, and worth discussing.	48 minutes
Shortcomings	3 minutes	Disadvantages, banes, why it isn't always a good thing, and what the critics say.	51 minutes
My View	3 minutes	You, as lecturer, bring in your experience, your perspective, your view on things. What you like or don't like about the topic	54 minutes
Summary	2 minutes	A quick summary of the topics	56 minutes
Closing	2 minutes	Final thoughts, homework, reminders	58 minutes

TOP FIVE OF USEFUL ONLINE TOPICS

Great books if you're preparing for online teaching next year:
1) "The Distracted Mind" by Adam Gazzaley and Larry Rosen
2) "E-Learning: Concepts and Practice" by Bryn Holmes and John Gardner
3) "Multimedia for Learning" by Stephen Alessi and Stanley Trollip
4) "Mindset: The New Psychology of Success" by Carol Dweck
5) "e-Learning and the Science of Instruction" by Ruth Clark and Richard Mayer

Online classroom voting tools:
1) Google Forms. https://google.com/forms/about/
2) Kahoot, https://kahoot.com
3) Plickers, https://get.plickers.com
4) SurveyPlanet, https://surveyplanet.com
5) Socrative, https://socrative.com
& paper https://cseweb.ucsd.edu/~wgg/Abstracts/activeclass-cscl03.pdf

Creating animated video tools:
1) Powtoon, https://powtoon.com
2) Voki, https://voki.com
3) DoppelMe, http://doppelme.com
4) Animoto, http://animoto.com
5) GoAnimate, https://goanimate.com
& paper: https://sicet.org/main/wp-content/uploads/2016/11/ijttl-09-01-1_Berk.pdf

Prototyping and Wire-framing tools
1) Pencil Project, http://pencil.evolus.vn
2) FluidUI, https://fluidui.com
3) Mockingbird, https://gomockingbird.com/mockingbird
4) Talltree, http://wireframe.talltree.us/default.asp
5) Cacoo, https://cacoo.com
& Paper http://journal.kuim.edu.my/index.php/JILMI/article/viewFile/352/302

Creative Commons sites:
1) Main CC site, https://search.creativecommons.org
2) OER CC site, https://oercommons.org
3) Wikimedia CC, https://commons.wikimedia.org/wiki/Main_Page
4) Vimeo CC, https://vimeo.com/creativecommons
5) Flickr CC, https://flickr.com/creativecommons/
& Paper http://eac150.adamnorman.com/wp-content/uploads/2011/CC/Readings/Nonfiction/Cory%20Doctorow-Content.doc

Full Guide here: http://www.damiantgordon.com/Guide-2.pdf
Comments and suggestions to: Damian.X.Gordon@TUDublin.ie