

# UNISZA BLENDED LEARNING WITH SOUL

## Dr. Suhailan bin Safei

Deputy Director

(Section of Education Technology & Academic Innovation)

Center for Management of Academic Excellence and  
Internationalization (COMAEI)

(Senior Lecturer , Faculty of Informatics & Computing)

[suhailan@unisza.edu.my](mailto:suhailan@unisza.edu.my)

[suhailan.safei@gmail.com](mailto:suhailan.safei@gmail.com)

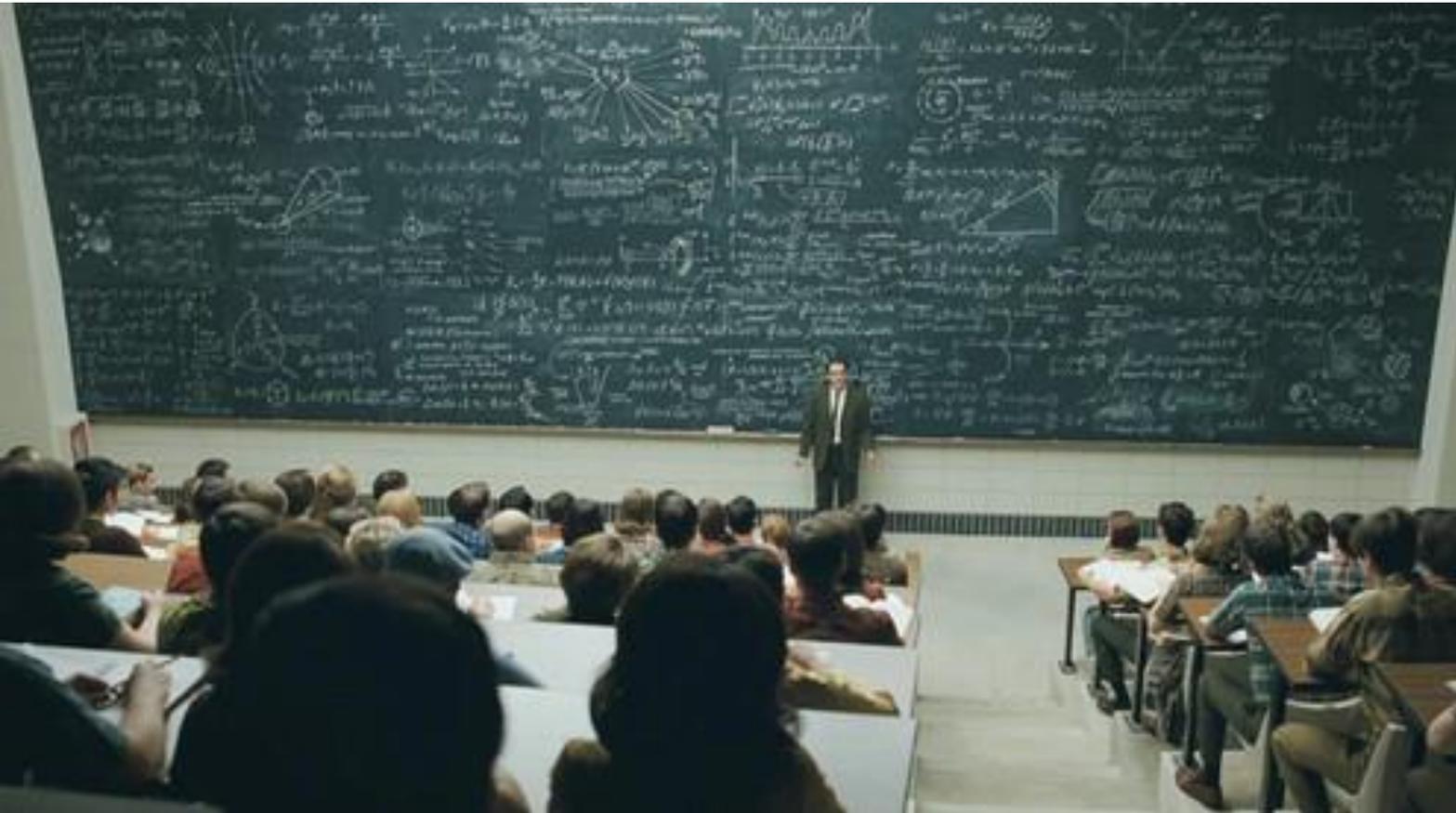
019 – 555 9677

- Teaching Challenges
- Intro to Blended Learning (BL)
- BL Objectives & Advantages
- BL Motivation
- BL Implementation
- BL using MOOC

F2F

# TEACHING CHALLENGES

F2F



# TEACH THEM ALL

We assume that all the syllabus were successfully taught to the students within the 3 hours.

The reality, majority of the students did not know what they have learnt during the lecture. Even students at the back, cannot hear the lecturer's voice.

F2F

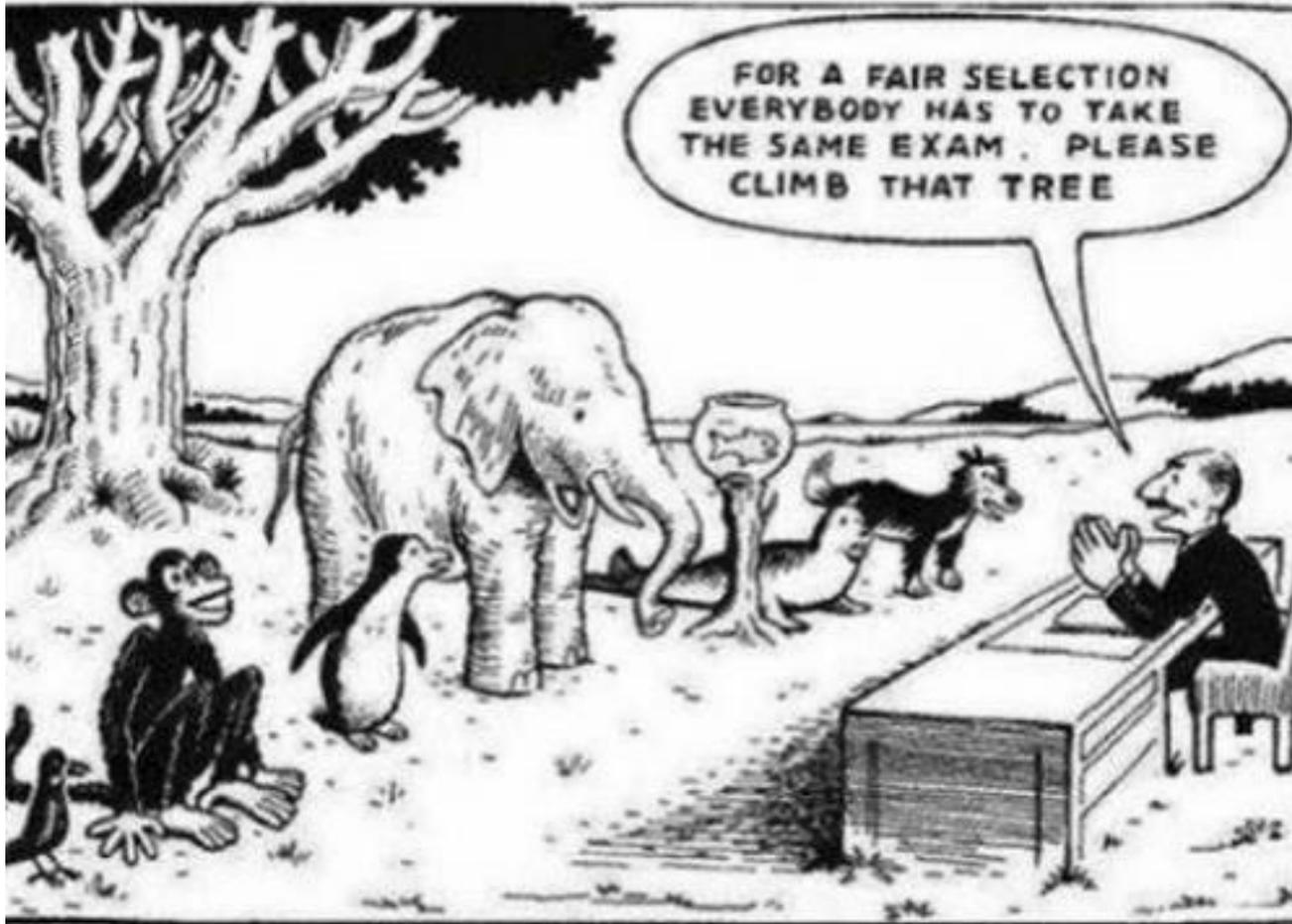


## GIVE THE BEST LECTURE

We asked the students is there any question, and everyone said no. So, we assume the lecture was well understood.

The reality is majority want the lecture to be finished earlier because they may feel sleepy, uncomfortable, or in a bad mood.

F2F



If you judge a fish by its 'ability' to climb a tree, it will spend its entire life believing its stupid - Albert Einstein

## IDENTIFY WEAKNESSES

We ask random students to assess the weaknesses. We assume all the weaknesses have being rectified.

The reality is each student has their own weaknesses or misunderstanding. However, we only discover that after marking the final exam.

F2F



## RESPONSE TO ALL QUESTIONS

We have answered 3 questions in class,  
and assume everyone now understand  
the lecture.

The reality is 50% of the students want  
us to repeat the lecture started from the  
beginning.

# BLENDED LEARNING



Guided Face to Face



Guided [Face to Face + Online]



Guided Online



# BLENDED LEARNING DEFINITION



# BLENDED LEARNING INITIATIVE

“Blended learning models will become a staple pedagogical approach in all HLIs.”

Malaysian Education Blueprint 2015-2025



“50% kursus IPT dikendalikan dalam bentuk pembelajaran teradun (menjelang 2020).”

Dasar e-Pembelajaran 2.0



Nota : (Fasa 2016-2020)  
2016 – 30%  
2017 – 35%  
**2018 – 40%**  
2019 – 45%  
2020 – 50%

MOD CONVENTIONAL

# MYHE1.0 – TEACHER CENTRED



The chalkboard is densely packed with mathematical derivations and diagrams. On the left, there are diagrams of magnetic fields and equations for induced EMF. The center features a diagram of a particle's path and equations for wave functions. The right side contains calculations for the Bohr model of a hydrogen atom, including the radius of the orbit and the energy levels. Various vector calculus identities and differential equations are also visible.



Copying

Copying

Copying

Copying

Copying

Copying

MOD CONVENTIONAL

# MYHE2.0 – TEACHER CENTRED

(interactive session)



Dok payoh salin,  
nanti pakat wak  
masuk pendrive

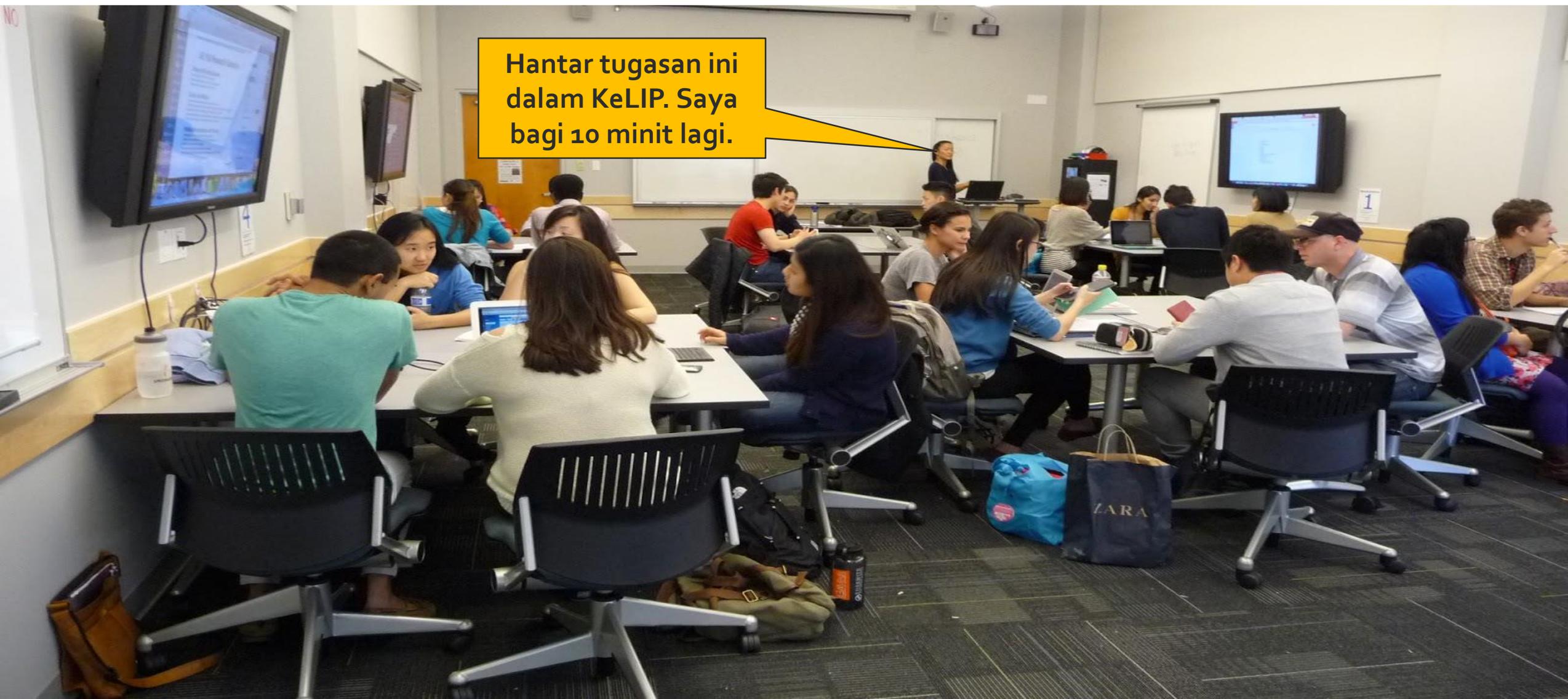
Baru ada masa nok tanya,  
kalu dok, padan kije nuluh je  
takut Prof. gi roba  
whiteboard tu



**Intro to Cinema**  
ART 2113

MOD BLENDED (SUPPORTIVE)

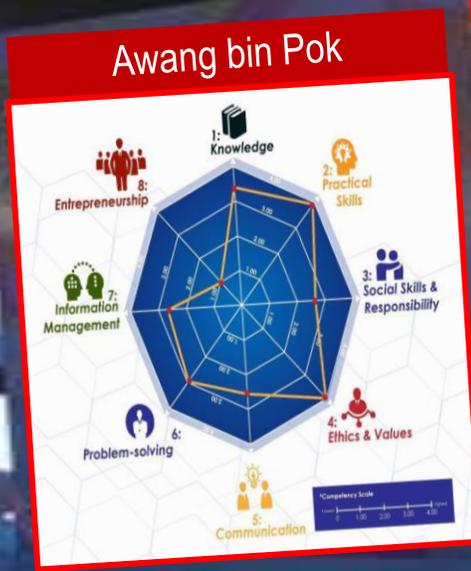
# MY HE3.0 – STUDENT CENTRED (TEACHER AS FACILITATOR)



Hantar tugas ini dalam KeLIP. Saya bagi 10 minit lagi.

**MOD BLENDED (REPLACEMENT)**

# MY HE4.0 – STUDENT CENTRED (TEACHER AS RESOURCE GUIDE)



**Seameq Kepoq**

Awang ni dokrok bab keusahawanan ni. Kena gabung dengan Seameq wak tugas, mungkin boleh bantu dia ni.

# BL OBJECTIVES



*Click to see on how e-learning can facilitate learning engagement*

## Efficient teacher:

Help teacher to efficiently facilitate learner's engagement rather than preparing teaching materials or giving repetitive lectures



# BL OBJECTIVES



## Effective learner:

Help student to learn effectively at anytime / anywhere without time/learning space limitation



# MOTIVATION

why e-Learning?

Umar al-Khattab, once said:

“Teach your children contemporary knowledge, for they are born in an era which is different from yours.”



PROPHET MUHAMMAD ﷺ SAID

# When a man dies, his acts come to an end, but three



## Sadaqah Jariyah

(Continuous, Recurring, Ongoing Charity)



## Beneficial Knowledge

(by which people)



## A pious son who prays for him

(for the deceased father)

[Sahih Muslim: 1631 (4223)]



Lagu  
Kanak  
Didi & Friends - Lagu...  
22M views  
3 years ago

Hi kawan-kawan, Didi & Friends adalah lagu



Voices Of  
Ummi

Chareal83 •  
4.6M views •  
6 years ago

Untuk dapatkan lirik lagu ini boleh lihat di



Prof Madya Dr Abdul Manan Mohamad - Kitab : Al Hikam - Jumaat, 12 Mei 2017

947 views

6 0 SHARE

# BENEFICIAL KNOWLEDGE

18,818

views

(Oct 2011 – Aug 2018)



Haid Mengikuti Mazhab Shafie (Ust Tarmidzi -  
UniSZA)

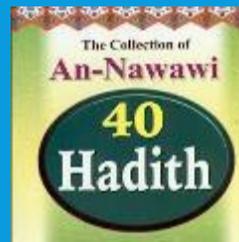
18,818 views

# E<sup>ASE</sup>-LEARNING

“Barangsiapa yang melepaskan seorang mukmin daripada satu kesusahan daripada kesusahan-kesusahan dunia, nescaya Allah akan melepaskannya daripada satu kesusahan daripada kesusahan-kesusahan Qiamat.

Barangsiapa yang mempermudah bagi orang susah, nescaya Allah akan mempermudah baginya di dunia dan di akhirat.”

(Hadis Riwayat Muslim)



Ease student or anyone to LEARN anytime anywhere continuously

Ease other lecturer to conduct a new course

# EMPOWERED LEARNING (E-LEARNING)

- **24X7 accessibility** anytime
- **Improved pedagogy** animation/video/interaction
- **Enhanced reach** anywhere/anybody
- **Flexibility** online/collaborative updates
- **Growth** skills through own experience (lifelong learning)

# BLENDED LEARNING SUPPORTIVE

To achieve minimum BLENDED LEARNING SUPPORTIVE, need to have at least 7 resources, 4 activity and 2 assessment.

e.g. Total F2F hours is 42 for 3 credit course. 30% of 42 hours is 13 hours or 5 weeks.

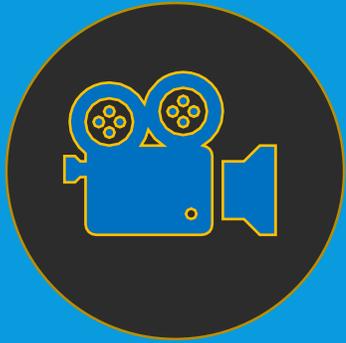
ITEMS	HOUR	COUNT	TOTAL HOURS
<b>Resources (slides/notes/url/video)</b> <i>Guideline: 20 pages notes   10 minutes video</i>	1	x 7	= 7
<b>Activity (forum/padlet/survey)</b>	1.5	x 4	= 6
<b>Assessment (quiz/assignment)</b> <i>Guideline : 20 True/False/MCQ</i>	0.5	x 2	= 1
<b>TOTAL</b>			<b>14</b>

# BLENDED LEARNING REPLACEMENT

To achieve minimum BLENDED LEARNING REPLACEMENT, at least 5 weeks is conducted ONLINE. Each week must have at least **1 video, 1 activity and 1 assessment.**

e.g. Total F2F hours is 42 for 3 credit course. 30% of 42 hours is 13 hours or 5 weeks.

ITEMS	HOUR	COUNT	TOTAL HOURS
<b>Resources (slides/notes/url/video)</b> <i>Guideline: 20 pages notes   10 minutes video</i>	1	x 5	= 5
<b>Activity (forum/padlet/survey)</b>	1.5	x 3	= 5
<b>Assessment (quiz/assignment)</b> <i>Guideline : 20 True/False/MCQ</i>	0.5	x 5	= 3
<b>TOTAL</b>			<b>13</b>



VIDEO  
MUST BE  
ORIGINALLY  
CREATED/  
EDITED BY  
THE  
LECTURER

*Recorded video*  
(Rakaman video)

*Podcast* (rakaman  
audio)

*Screencast* (rakaman  
skrin)

*Narrated presentation*  
(persembahan  
berbentuk penceritaan)

*Animation/Web 2.0 tools*  
: *powtoon, prezi etc*  
(animasi, perisian web  
2.0)

*Simulation (VR/AR/MR)*  
Simulasi (realiti  
maya/realiti  
berperantara/realiti  
tergabung)

*Classroom lecture*  
(Syarahan dalam/luar  
kelas)

*Interactive content*  
(Kandungan interaktif)  
- contoh : ThingLink

*Interview video* (Video  
temu bual)

*Practical/laboratory  
video* (Video  
praktikal/makmal)



# OFFICIAL MOOC PLATFORM



<https://ocw.unisza.edu.my>