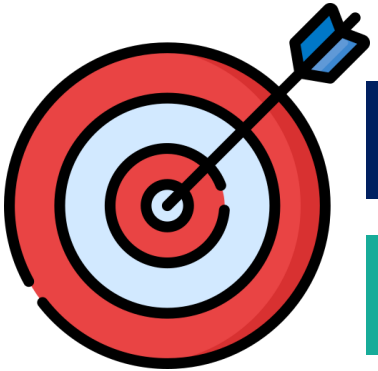
اونيۏرسيتي مليسيا ڤهڠ السلطان عبد الله
UNIVERSITI MALAYSIA PAHANG
AL-SULTAN ABDULLAH

PEMBELAJARAN TERADUN GANTIAN (PTG)
SUBSTITUTE BLENDED LEARNING (SBL)

Updated date: February 2025

KPI FAKULTI DAN PUSAT UMPSA 2025



PTS	75%
PTG	25%

1 PEMBELAJARAN TERADUN

Source

[Dasar e-Pembelajaran Negara (DePAN) 2.0 JPT]

Domain	Bidang Fokus	Fasa 1 2015	Fasa 2 2016-2020	Fasa 3 2021-2025
Pedagogi Dalam Talian	Pembelajaran Teradun	30% kursus IPT dikendalikan dalam bentuk pembelajaran teradun.	50% kursus IPT dikendalikan dalam bentuk pembelajaran teradun.	70% kursus IPT dikendalikan dalam bentuk pembelajaran teradun.
	Kursus terbuka	Setiap IPT menawarkan sekurang-kurangnya 3 kursus secara terbuka (MOOC)	Setiap IPT menawarkan sekurang-kurangnya 15 kursus secara terbuka (MOOC)	Setiap IPT menawarkan sekurang-kurangnya 30 kursus secara terbuka (MOOC)
	e-Pentaksiran	5% e-Pentaksiran dalam pembelajaran teradun.	10% e-Pentaksiran dalam pembelajaran teradun.	15% e-Pentaksiran dalam pembelajaran teradun.

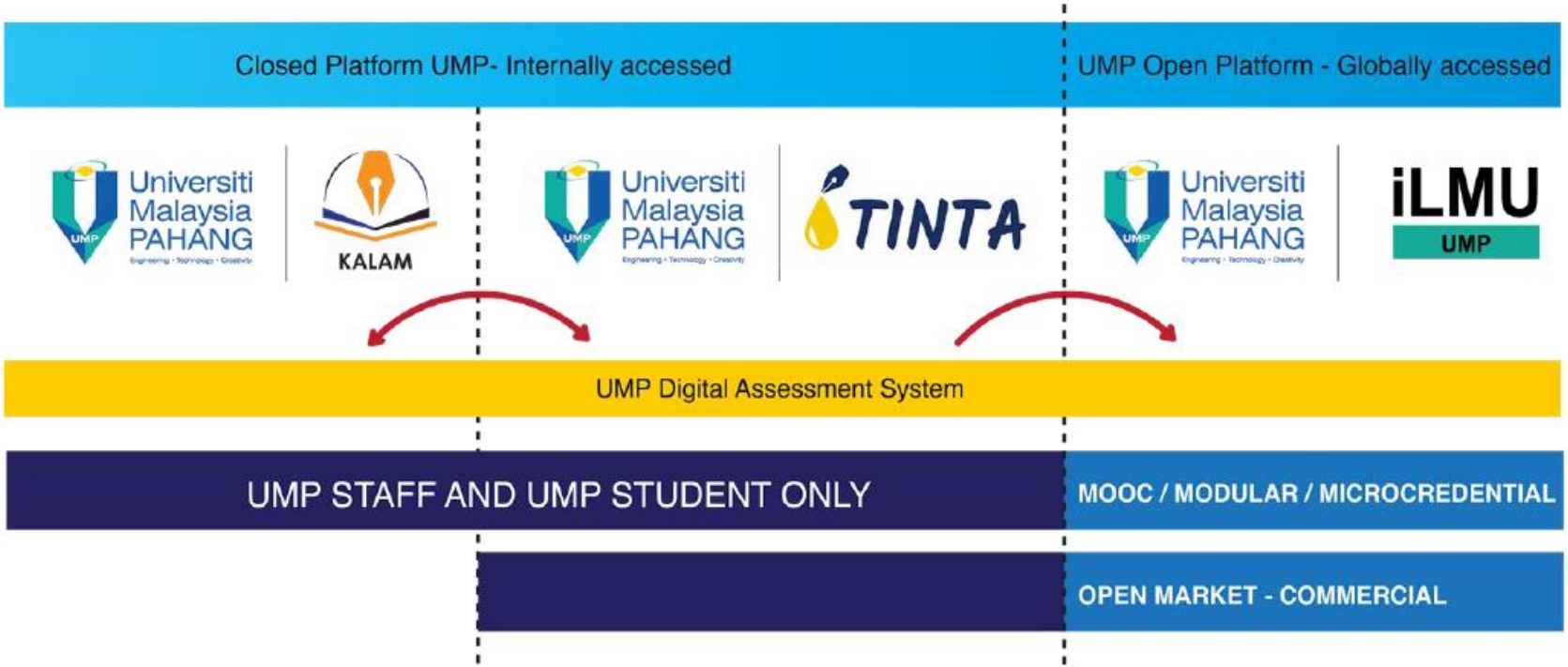
1 PEMBELAJARAN TERADUN

Implementation of Blended Learning by Malaysian Public Higher Learning Institutions

Source

Buku Garis Panduan Pelaksanaan Pembelajaran Teradun Gantian (Pembelajaran Dalam Talian)

Ekosistem e-Pembelajaran @UMP



PEMBELAJARAN TERADUN GANTIAN @UMP

AGENDA

1. Punca kuasa Pelaksanaan PTG
2. Penerapan PTG pada Rancangan Pembelajaran
3. Rekabentuk PTG pada KALAM
4. Pelaksanaan dan Pengiraan PTG dalam KALAM

https://tinyurl.com/5ec7zmen

PUNCA KUASA

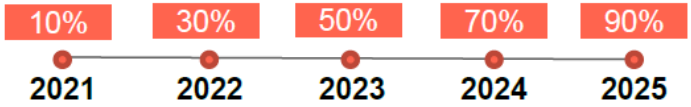
MESYUARAT SENAT KE-177 BIL. 4/2021
10 MAC 2021 (RABU) | 9.00 PAGI HINGGA 11.10 PAGI
SECARA *HYBRID* (DEWAN SENAT, CANSELERI TUN ABDUL RAZAK UMP PEKAN & MENGGUNAKAN APLIKASI "GOOGLE MEET")

PEMAKLUMAN BERKAITAN KEPUTUSAN KERTAS KERJA KELULUSAN SENAT

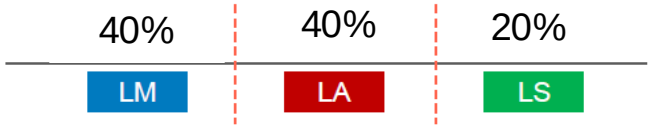
Perakuan Majlis Bawah Senat	No. Kertas Kerja	Keputusan Mesyuarat Senat Universiti
MPPA Ke-109 Bil. 3/2021 25 Feb. 2021	4.1.12	**UK12 – Cadangan Pemurnian Pembelajaran Teradun Sokongan (PTS) kepada Pelaksanaan Pembelajaran Teradun Gantian (PTG) Di Universiti Malaysia Pahang** **Mesyuarat bersetuju:** i) Pelaksanaan Pembelajaran Teradun Gantian (PTG) dilaksanakan berkuatkuasa Semester II Sesi Akademik 2020/2021 bagi kursus-kursus bersifat modular sahaja dengan kadar 10% daripada keseluruhan peratusan kursus di UMP. Peratusan ini akan ditingkatkan dengan kadar 10% bagi setiap semester dan diperluaskan kepada kursus-kursus lain yang akan dimodularkan. ii) Membangunkan satu kerangka perancangan utama bagi memperkasakan pembelajaran secara dalam talian di UMP sebagai rujukan hala tuju pada masa akan datang. Disarankan untuk membuat penanda arasan antarabangsa sebagai input tambahan dalam membangunkan kerangka ini. **Tindakan: i) TNC (A&A) ii) Pengarah PSPe**

PELAKSANAAN

- Mengekalkan sasaran Pembelajaran Teradun UMP pada kadar 75% (1:7:3:2)
- Sasaran Pembelajaran Teradun Gantian (PTG) UMP adalah dicadangkan pada kadar :



- Model PTG 30%
- Formula PTG



- PTG di UMP adalah dicadangkan untuk dijalankan secara progresif dalam dua (2) fasa.

FASA 1

(Pembudayaan)
Penerapan PTG didalam Rancangan Pengajaran (teaching plan) bagi kursus yang ditetapkan bermula Sem II 2020/2021.

FASA 2

(Pelaksanaan Penuh)
Pelaksanaan dan pemantauan PTG di platform KALAM bagi kursus yang ditetapkan pada Sem 1 2021/2022.

- PTG dikecualikan bagi kursus yang bersifat dimana komponen praktikalnya adalah tinggi atau praktikal sepenuhnya.

1 PEMBELAJARAN TERADUN

GARIS PANDUAN PELAKSANAAN:
PEMBELAJARAN TERADUN GANTIAN (PEMBELAJARAN DALAM TALIAN)

Pembelajaran Teradun dalam Dasar e-Pembelajaran Negara 1.0 (DePAN 1.0)

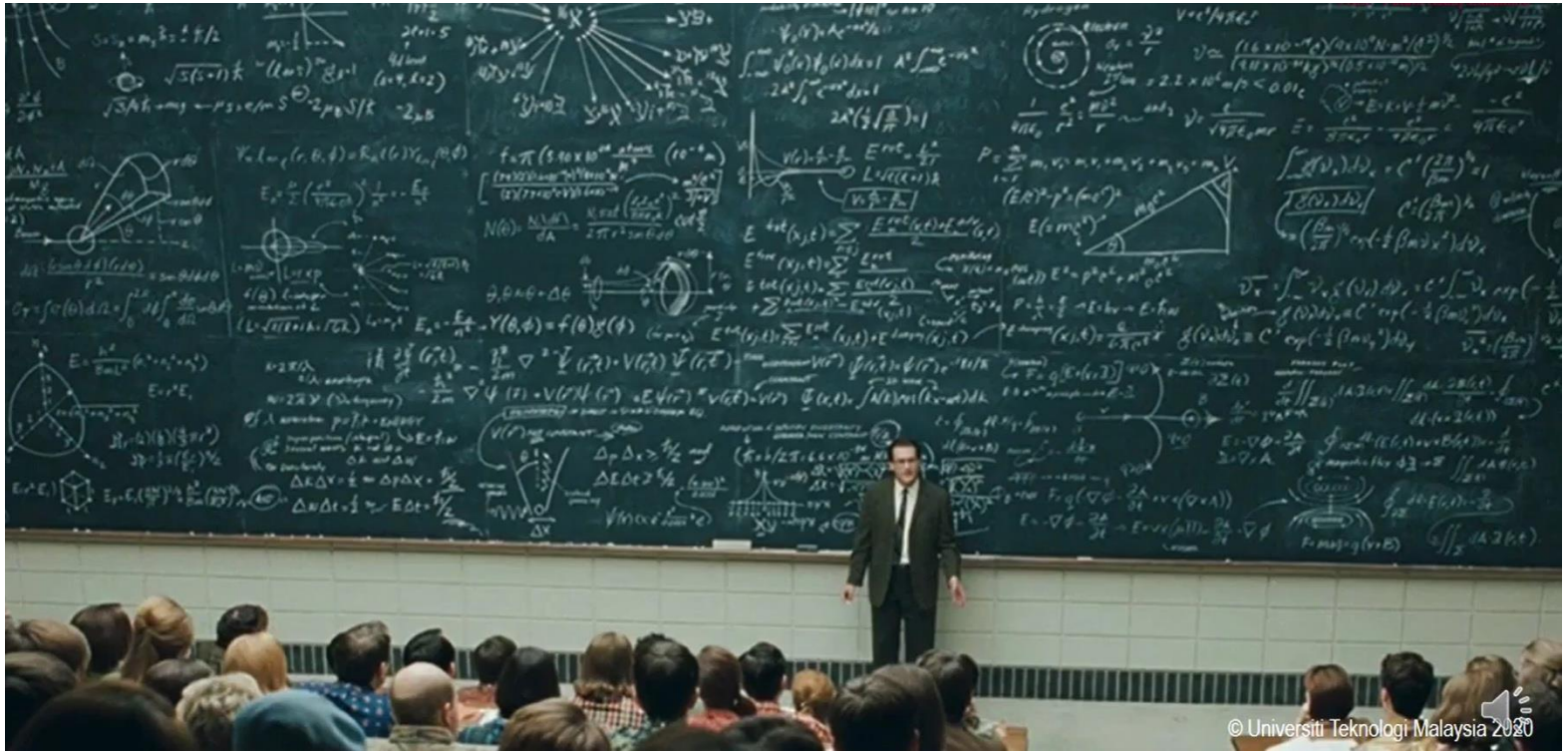
Kursus yang mempunyai campuran pendekatan pembelajaran mod dalam talian dengan mod pembelajaran bersemuka di mana 30% - 80% kandungan kursus disampaikan secara dalam talian – Sloan Consortium, 2010. Juga dikenali sebagai *hybrid learning*.

FACE-TO-FACE MODE
The face to face contact sessions between the learner and instructor can be conducted in various modalities which may include physical or virtual sessions (COPPA:ODL)

Online Synchronous

ONLINE MODE
Any forms of learning via the internet.

FACE TO FACE - PHYSICAL



FACE TO FACE - VIRTUAL/ONLINE

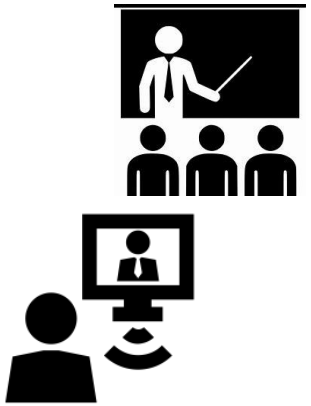
Source
1.Introduction to Online Learning
This video discusses the different between online learning and face-to-face learning.

https://youtu.be/AdXj3Xr7QnET

PTS vs PTG

SOKONGAN / SUPPORTIVE

Physical in-person- real time
Virtual (teleconferencing)- real time
Replace (in-person/virtual) – real time, outside original schedule



GANTIAN / SUBSTITUTE

Real time face-to-face (physical in-person / virtual via teleconferencing)
Self-paced, anytime, anywhere

WHY SUBSTITUTE BLENDED LEARNING

LECTURER

- Continuity in Instruction due to absence of lecturer (public holidays, conferences, administrative work, personal matters, etc)
- Embracing Education 2.0 in the context of IR 4.0 and the new normal
- Embracing Digitalization of UMP and National Education Digitalisation

STUDENTS

- Continuity in learning progress
- Flexible education – anytime, any place and any how
- Develop self-regulated students (autonomous)
- Matching learner's learning style with Education 2.0 and IR 4.0 in the new normal

HOW TO DESIGN SUBSTITUTE BLENDED LEARNING

Substitute at 30% for a course

2

UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH

Lecturer's Guide

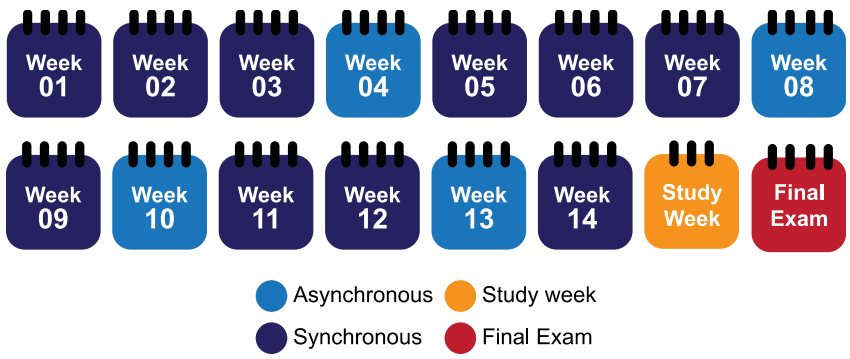
PdP-DT Synchronous & Asynchronous

Synchronous : Lecturer and students are online at the same time, using the same platform of learning.

Asynchronous : Lecturer provide the learning materials which students can access within their flexible time.

	F2F Virtual	Substitute
	Synchronous	Asynchronous
1 Learning Material	. Teleconferencing . Real-time Audio	Animation . Multimedia . Video .
2 Learning Activities	. Forum . Debate . Consultation	Research . Feedback . Discussion .
3 Assessment	. Kahoot . Padlet . EDpuzzle	Assessment . Test . Quiz .

Course Structure



SUBSTITUTE BLENDED LEARNING

Online platform (sync or async)

Lecturer's Guide

PdP-DT
Synchronous & Asynchronous

Synchronous : Lecturer and students are online the same time, using the same platform of learnin

Asynchronous : Lecturer provide the learnir materials which students can access with their flexible tim

Online Delivery

	Synchronous	Asynchronous	SLT
1 Learning Material	. Teleconferencing . Real-time Audio	Animation . Multimedia . Video .	40%
2 Learning Activities	. Forum . Debate . Consultation	Research . Feedback . Discussion .	40%
3 Assessment	. Kahoot . Padlet . EDpuzzle	Assessment . Test . Quiz .	20%

SLT for 3 credit hours **120 hours**

FORMULA
40 : 40 : 20

Conventional TnL : 70% x 120 hours =
84 hours

Lecture | Tutorial | Laboratory | Self Learning | Assessment

Guided/non guided

SUBSTITUTE BL : 30% x 120 hours =
36 hours

NEW

Material **40%** | Activity **40%** | Assessment **20%**

30% SBL hour → Week?

SUBSTITUTE BL : 30% x 120 hours =
36 hours

Material	Activity	Assessment
40 =	**40 =**	**20 =**
40% X 36	40% X 36	20% X 36
= **14 hrs**	= **14 hrs**	= **8 hrs**

1 semester = 14 weeks (Teaching and Learning)
SBL Hours → 14 Weeks?
36 / 120 * 14 = 4.2 (4 weeks)

Course Structure

Week 01	Week 02	Week 03	Week 04	Week 05	Week 06	Week 07	Week 08
Week 09	Week 10	Week 11	Week 12	Week 13	Week 14	Study Week	Final Exam

Online
F2F class
Study week
Final Exam

SBL 4 weeks with 30% SBL = 4 weeks

2 HOW TO DESIGN SUBSTITUTE BLENDED LEARNING

Course Structure

Week 01	Week 02	Week 03	Week 04	Week 05	Week 06	Week 07	Week 08
Week 09	Week 10	Week 11	Week 12	Week 13	Week 14	Study Week	Final Exam

Online
F2F class
Study week
Final Exam

Lesson Plan Structure Example 2 hours class session

5 minutes	Welcome + lesson instruction/structure
25 minutes	Lecture Video Content
10 minutes	Group discussion
10 minutes	Individual tutorial
10 minutes	Break
10 minutes	Video streaming
10 minutes	Quiz
20 minutes	Plenery discussion
10 minutes	Learning reflection through Forum in KALAM

2 HOW DO WE SEE SUBSTITUTE BLENDED LEARNING IN KALAM

SUPPORTIVE BL

WEEK 2 : SOIL FORMATION AND CLASSIFICATION

2.1 Soil Formation

5.1MB PDF document Uploaded 14/02/20, 14:13

FACE TO FACE – PHYSICAL/VIRTUAL
Lecture (3hrs) ILT (6hrs) = SLT (9hrs)

WEEK 2 : SOIL FORMATION

Due to our Week 2 class falls on Maulidul Rasul and it is a public holiday, the class is run in an ASynchronous manner; meaning that we are not having a teleconferencing live. You will need to go through the Thursday class materials at your own suitable time preferably before we start our Friday class 30th October 2020. You have been sent a narrated and annotated powerpoint slides via Group Whatsapp and reading materials for you to go through. When completed, please fill in the google form sent via WA Group for you to summuarise, what you have learned and what points you need further clarification. In summary, Week 2 Lesson plan is as follows

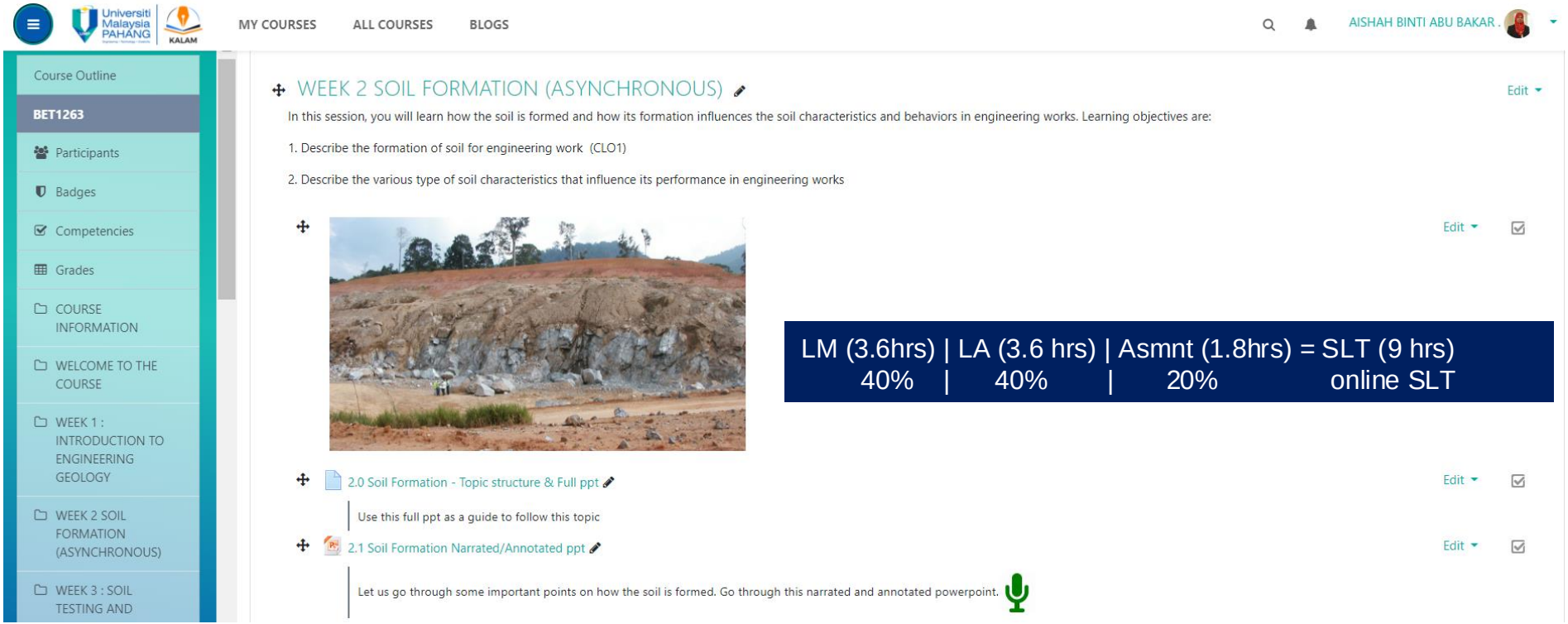
1. Download Week 2 ppt from KALAM - Soil Formation
2. Go through narrated Soil formation ppt (sent via WA) → LM (3.6hrs)
3. Continue referring to the main slides and read up Clay Minerals chapter (sent via WA) → LA (3.6hrs)
4. Fill in Google Form for short summary and muddiest point for further clarification. → LS (1.8hrs)

Thats it for Thursday (29 October 2020) Class. Will see you all tomorrow through Google Meet.

Bye

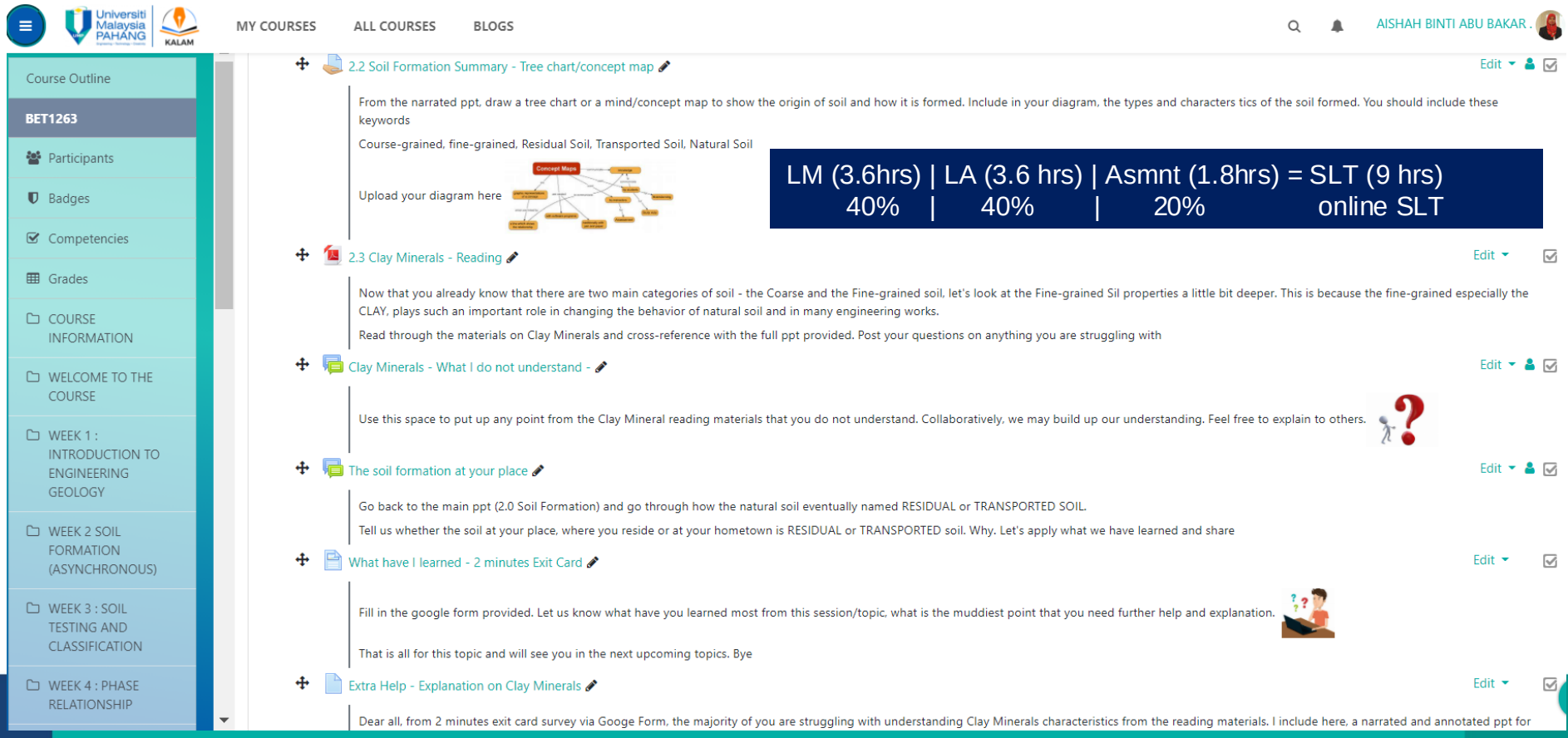
SUBSTITUTE BL - ASYNCHRONOUS REMOTE
Learning Materials (3.6hrs),
Learning Activities (3.6 hrs)
Learning Assessment (1.8 hrs) = SLT (9hrs)

5 HOW DO WE SEE SUBSTITUTE BLENDED LEARNING IN KALAM



LM (3.6hrs) | LA (3.6 hrs) | Asmnt (1.8hrs) = SLT (9 hrs)
40% | 40% | 20% online SLT

5 HOW DO WE SEE SUBSTITUTE BLENDED LEARNING IN KALAM



SBL simulation based on Student Learning Time (SLT)

3 PEMBELAJARAN TERADUN (GANTIAN vs SOKONGAN

OPERATIONAL DEFINITION:

Substitute Blended Learning – SBL (Pembelajaran Teradun Gantian - PTG)

SBL is an approach that combines **online learning** and **face-to-face** modes in the range of **30-80%** of the **Student Learning Time (SLT)** based on the formula **40:40:20** with the combination of three main elements which are:

Learning Material | **Learning Activity** | **Learning Assessment**

Supportive Blended Learning – *(Pembelajaran Teradun Sokongan - PTS)*

Supportive Blended Learning (PTS) is an approach that combines **online learning** and **face-to-face** modes in the range of **30-80%** of the **Student Learning Time** based on formula **1-7-3-2**

1 Course info
7 Learning material
3 Learning Activity
2 Learning Assessment

Source

Buku Garis Panduan Pelaksanaan Pembelajaran Teradun Gantian (Pembelajaran Dalam Talian)
https://tinyurl.com/SubstituteBlendedLearning

SBL based on Student Learning Time (SLT)

SLT for 3 credit hours **120 hours**

FORMULA
40 : 40 : 20

Conventional TnL : 70% x 120 hours =
84 hours

- Lecture
- Tutorial
- Laboratory
- Self Learning
- Assessment

Guided/non guided

SUBSTITUTE BL : 30% x 120 hours =
36 hours

NEW

- Material **40%**
- Activity **40%**
- Assessment **20%**

SBL based on Student Learning Time (SLT)

SLT untuk kursus 3 jam kredit **120 jam**

Kaedah Pembelajaran Konvensional:
70% x 120 jam = **84 jam**

- Syarahan
- Tutorial
- Makmal
- Pembelajaran Kendiri
- Pentaksiran

Kaedah Pembelajaran Teradun Gantian:
30% x 120 jam = **36 jam**

- Bahan **40%** **(14 SLT)**
- Aktiviti **40%** **(14 SLT)**
- Pentaksiran **20%** **(14 SLT)**

30% SBL hour → Week?

SUBSTITUTE BL : 30% x 120 hours =
36 hours

Material	Activity	Assessment
40 =	**40 =**	**20 =**
40% X 36	40% X 36	20% X 36
= **14 hrs**	= **14 hrs**	= **8 hrs**

1 semester = 14 weeks (Teaching and Learning)
SBL Hours → 14 Weeks?
36 / 120 * 14 = 4.2 (4 weeks)

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Week 09	Week 10	Week 11	Week 12	Week 13	Week 14	Study Week	Final Exam

Online
F2F class
Study week
Final Exam

SBL 4 weeks with 30% SBL = 4 weeks

Asynchronous Online Remote Learning

30% SBL = 4 weeks

Material 40% = 14 hours

- Content video developed by SME
- Podcast
- Screencast
- Narrated presentation
- Animation/Web 2.0 tools : powtoon, prezi etc
- Simulation (VR/AR/MR)
- Interactive content. Example: ThingLink
- Interview video
- Practical/laboratory video
- Industry visit video

Activity 40% = 14 hours

Web 2.0 tools:

- Kahoot
- Padlet
- edPuzzle
- Collaborative learning
- Lab tutorial
- Forum, chatting in KALAM

Assessment 20% = 8 hours

Online Assessment:

- Quiz
- Assignment
- Hands on Test
- Peer evaluation

ENGAGEMENT? (Y/N)

3 IMPLEMENTATION OF SUBSTITUTE BLENDED LEARNING (SBL)

Weeks	Delivery
1	Face-to-face physical class – Conventional
2	Face-to-face online class (Synchronous)
3	Non-face-to-face (Asynchronous) - **SUBSTITUTE**
4	Flexible "***Anytime, Anywhere, Anyway, Anyhow***"
5	**Student's attendance record** is replaced by learning participation and achievement
6	Learning materials, activities and assessment for SBL need to be documented in KALAM

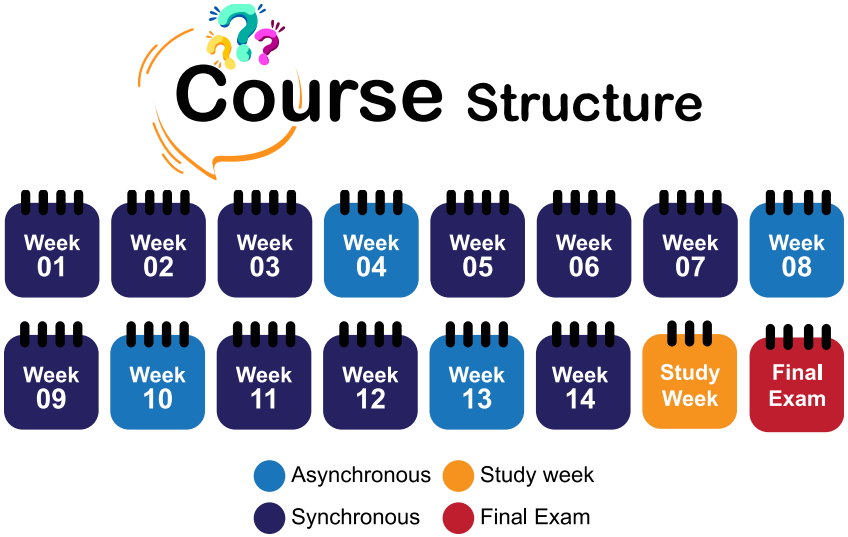
FACE-TO-FACE MODE
The face to face contact sessions between the learners and instructor can be conducted in various modalities which may include physical or virtual sessions (COPPA:ODL)

Flexible with any changes or disruption in T&L

Self Directed Learning with interactive learning instruction

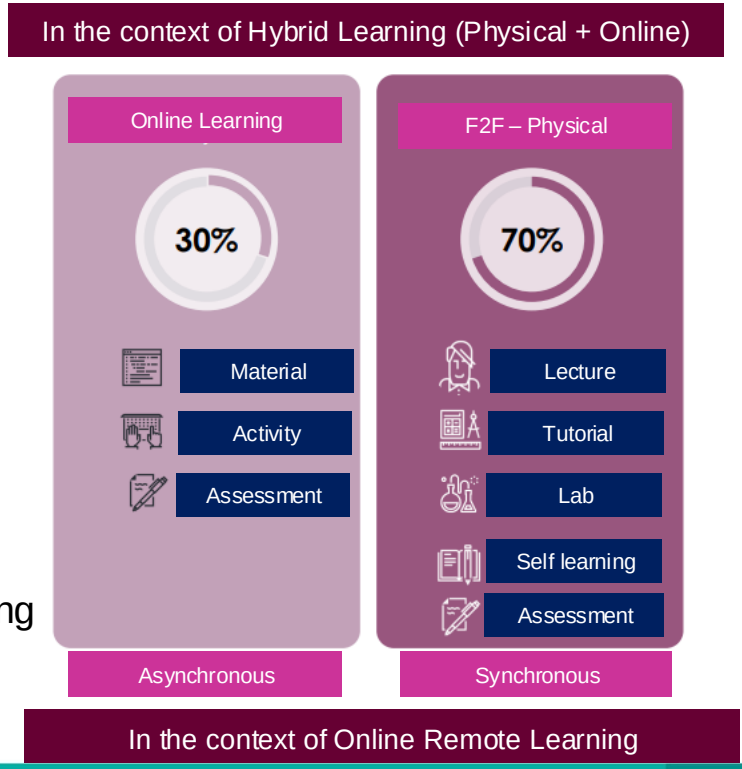
Student's attendance record is replaced by learning participation and achievement

UMP's SBL IMPLEMENTATION- 30% SBL



Substitute 4 weeks with Asynchronous Online Remote Learning

30% SBL = 4 weeks



Implementation of **30%** Online Learning and **70%** Physical in Hybrid Learning

Online Learning

Material 40% = 14 hours | Weeks: 3, 4, 5, 6

- Content Video (SME) = 6 hours
- Practical/laboratory video = 4 hours
- Collaborative learning = 4 hours

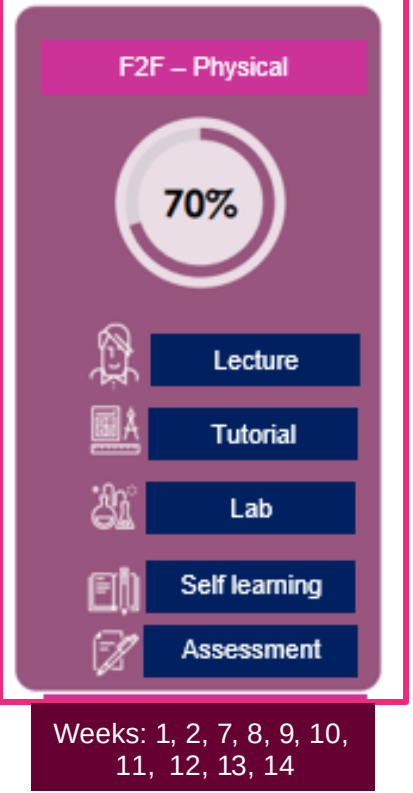
Activity 40% = 14 hours | Weeks: 3, 4, 5, 6

- Lab tutorial = 8 hours
- Collaborative learning = 6 hours

Assessment 20% = 8 hours | Weeks: 5, 6, 7, 8

- Assignment = 8 hours (preparation time)

Total SLT 30% = 36 hours



Weeks: 1, 2, 7, 8, 9, 10, 11, 12, 13, 14

Implementation of 50% SBL in Online Remote Learning

Material
40% x 60 hours = 24 hours

- Weeks: 1, 2, 10, 11, 12, 13, 14
  - Online Class + self learning = 37 hours
  - Content Video (SME) = 8 hours
  - Practical/laboratory video = 6 hours
- Weeks: 3, 4, 5, 6, 7, 8, 9
  - Collaborative learning = 8 hours

Activity
40% x 60 hours = 24 hours

- Weeks: 1, 2, 10, 11, 12, 13, 14
  - Online Lab / Tutorial = 25 hours
  - Lab tutorial = 16 hours
- Weeks: 3, 4, 5, 6, 7, 8, 9
  - Collaborative learning = 8 hours

Assessment
20% x 60 hours = 12 hours

- Weeks: 6, 10, 11
  - Online exams (HOT + midterm test + self learning) = 8 hours
  - Assignment (5%) = 4 hours
- Weeks: 5, 6, 7, 8, 9, 10

Total SBL 50% = 60 hours

Total SLT Online Remote Learning = 120 hours
SBL = (7/14) @ (60/120 = 50%)

Online Remote Learning-Synchronous

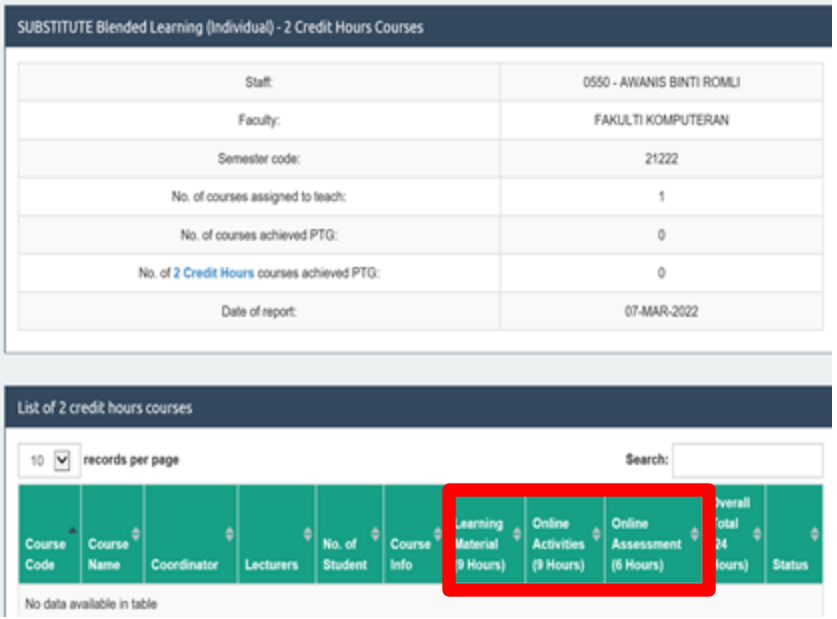
50%

- Lecture
- Tutorial
- Lab
- Self learning
- Assessment

Weeks: 1, 2, 10, 11, 12, 13, 14

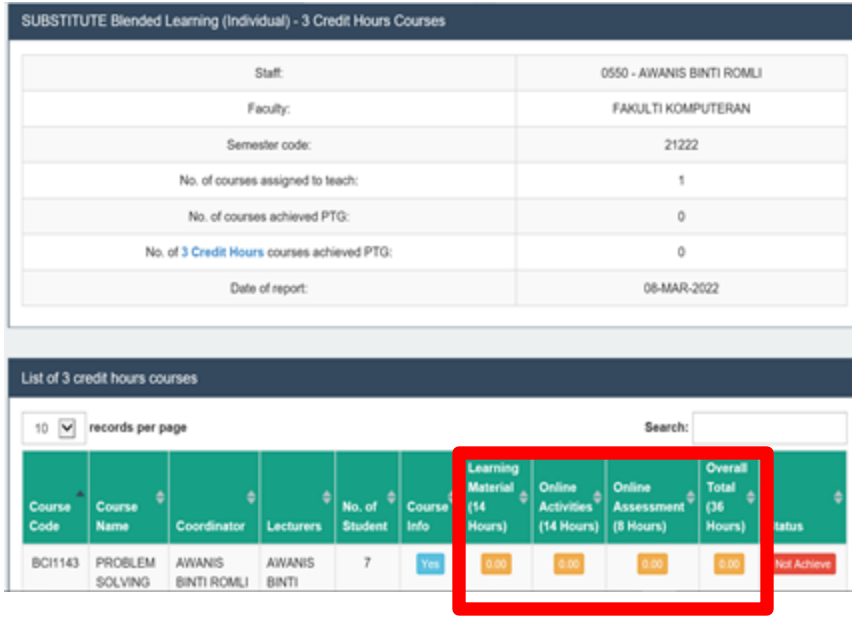
SBL simulation for 2 credit hours (80 hours)

Elements on Online Learning	Weightage	SBL 30%	SBL 40%	SBL 50%
		Total SLT	Total SLT	Total SLT
Material	40%	9	13	16
Activity	40%	9	13	16
Assessment	20%	6	6	8
Total hours for SBL		**24** (4 weeks)	**32** (5-6 weeks)	**40** (7 weeks)
Total hours for Conventional		**56** (10 weeks)	**48** (8-9 weeks)	**40** (7 weeks)



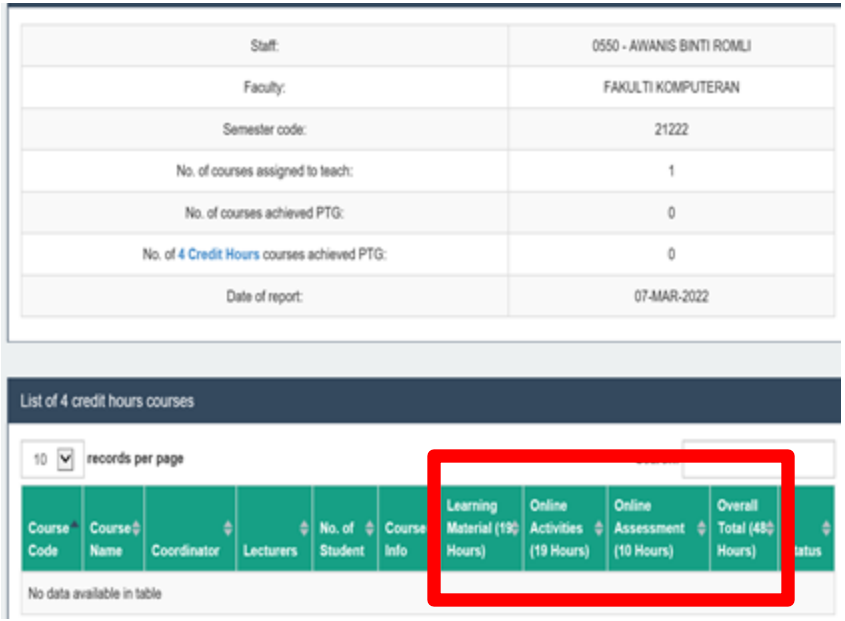
SBL simulation for 3 credit hours (120 hours)

Elements on Online Learning	Weightage	SBL 30%	SBL 40%	SBL 50%
		Total SLT	Total SLT	Total SLT
Material	40%	14	19	24
Activity	40%	14	19	24
Assessment	20%	8	10	12
Total hours for SBL		**36** (4 weeks)	**48** (5-6 weeks)	**60** (7 weeks)
Total hours for Conventional		**84** (10 weeks)	**72** (8-9 weeks)	**60** (7 weeks)



SBL simulation for 4 credit hours (160 hours)

Elements on Online Learning	Weightage	SBL 30%	SBL 40%	SBL 50%
		Total SLT	Total SLT	Total SLT
Material	40%	19	26	32
Activity	40%	19	26	32
Assessment	20%	10	12	16
Total hours for SBL		**48** (4 weeks)	**64** (5-6 weeks)	**80** (7 weeks)
Total hours for Conventional		**112** (10 weeks)	**96** (8-9 weeks)	**80** (7 weeks)



Staff:	0550 - AWANIS BINTI ROMLI
Faculty:	FAKULTI KOMPUTERAN
Semester code:	21222
No. of courses assigned to teach:	1
No. of courses achieved PTG:	0
No. of 4 Credit Hours courses achieved PTG:	0
Date of report:	07-MAR-2022

List of 4 credit hours courses

10 records per page

Course Code	Course Name	Coordinator	Lecturers	No. of Student	Course Info	Learning Material (19 Hours)	Online Activities (19 Hours)	Online Assessment (10 Hours)	Overall Total (48 Hours)	Status
No data available in table										

4 HOW TO FILL IN IMS TEACHING PLAN

FOR SEMESTER II SESSION 2020/2021

LAMPIRAN A

PROSES KERJA PENGAJARAN & PEMBELAJARAN SECARA DALAM TALIAN (PdP-DT)

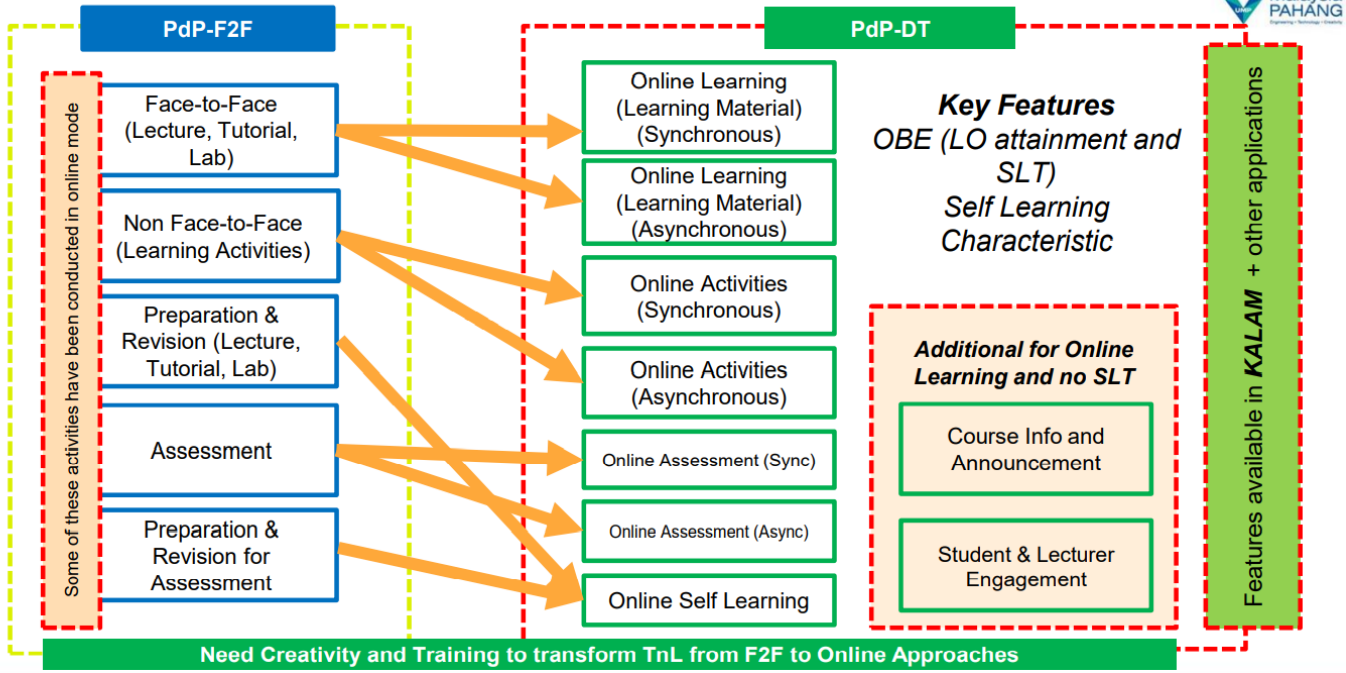
Semester II, 2019/2020

Pusat Sumber Pengajaran & e-Pembelajaran
Jabatan Hal Ehwal Akademik dan Antarabangsa
Universiti Malaysia Pahang

Student Learning Time

Category Code	Category Desc	Subcategory Code	Sub-Category Desc
OL	Online Learning	OL_ACT_S	Online Activities (Sync)
OL	Online Learning	OL_ASS_A	Online Assessment (Async)
OL	Online Learning	OL_S	Online Learning (Sync)
OL	Online Learning	OL_SL	Online Self Learning

Rajah 1: Pemetaan Komponen PdP Bersemuka (PdP-F2F) kepada PdP-DT



Universiti Malaysia PAHANG

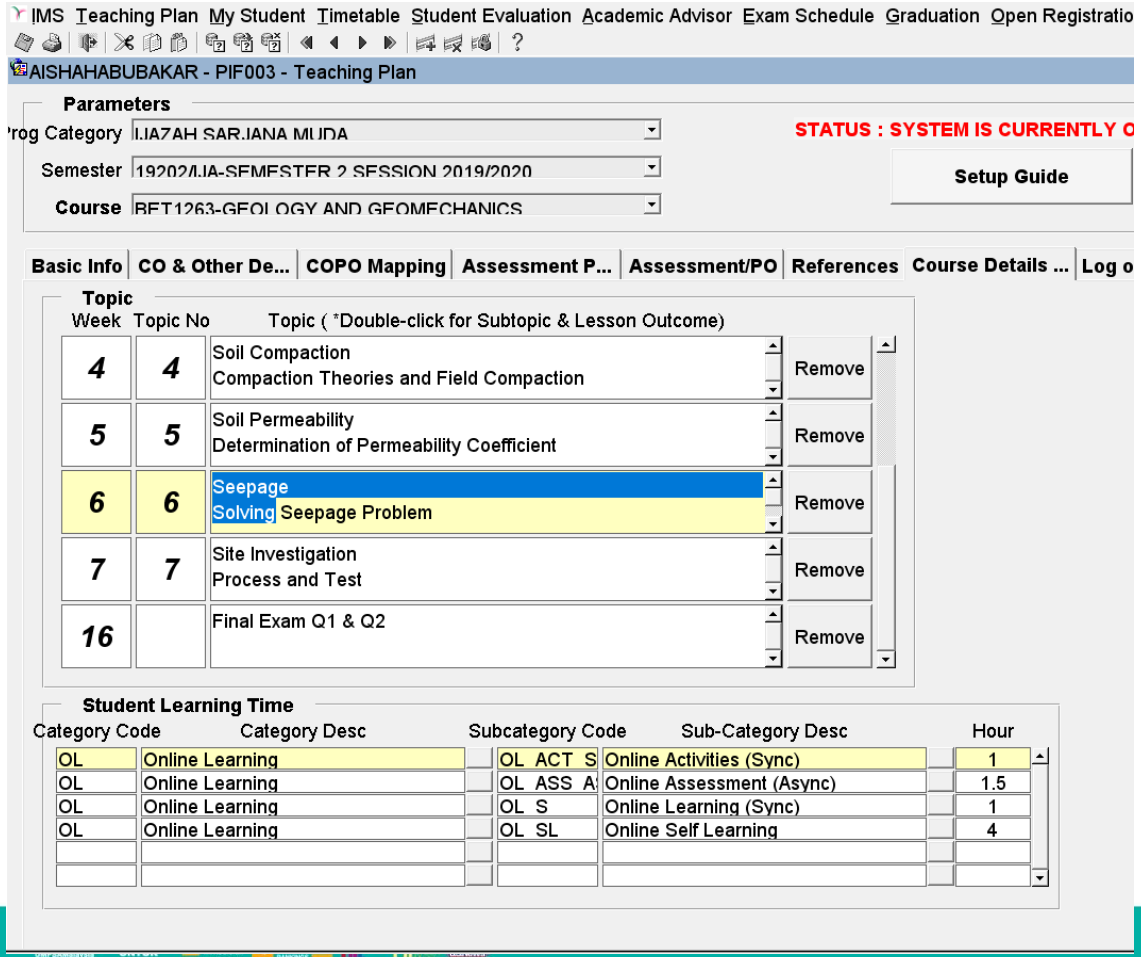
Course Detail with SLT Allocation

Semester 19202/IJA
Course BET1263 GEOLOGY AND GEOMECHANICS

Student Learning Time (SLT)				Normal Teaching & Learning					Online Teaching & Learning				Total SLT
				Face-to-face	None Face-to-face			Normal Assessment	Online Learning	Online Activities	Online Assessment	Online Self Learning	
Week	Topic No	Topic	Sub Topic		Guided	Non-Guided	Assessment Preparation						
1	1	Introduction to Engineering Geology Rock Formation and its engineering characteristics	-Properties of rock material and mass structure and its effect on engineering construction -Geological cycle and structure, rock cycle, rock mass and rock materials	2		4		Course Briefing – 1 hr Lecture F2F= 2 hr ; Student Prep/ NonF2F-NG = 4 hr					6
2	2	Soil Formation and Cassification British and Unified Classification Systems	-Soil Characteristics and Classification - BS and USCS -Formation of Soil	3		6		Lecture (2) + Activity (1) F2F=3 hr Student Prep/ NonF2F-NG - 6 hr					9
3	3	Soil Phase Relationship	-Phase Relationship Problem Solving	3		3		Lecture (1) + Activity (2) F2F=3 hr Student Prep/ NonF2F-NG - 3 hr (calculation)					6
4	4	Soil Compaction Compaction Theories and Field Compaction	-Soil Compaction Teories and Lab Testing -Field Compaction and Quality Control	3		6		Lecture (2) + Activity (1) F2F= 3 hr Student Prep/ NonF2F-NG - 6 hr					9
5	5	Soil Permeability Determination of Permeability Coefficient	-Permeability concept -Lab and field determination of coefficient of permeability	3		6		Lecture (2) + Activity (1) F2F= 3 hr Student Prep/ NonF2F-NG - 6 hr					9
6	6	Seepage Solving Seepage Problem	-Solving seepage problem using flownet -Seepage Theory	Lecture OL_S (1) + Activity OL_ACT_S (1) – 2 hr Student Prep/ OL_SL - 4 hr Assignment 1 –OL_ASS_AS - 1.5					1	1	1.5	4	7.5
7	7	Site Investigation Process and Test	-Soil Sampling and soil pr -Planning Site Investigatio	PPT Slides + Content Video - OL_AS (1) – 1 hr Voice Recording Activity OL_ACT_AS(1) – 1 hr Online Mid-Term OL_ASS_S (1)-1hr Student Prep (OL_AS(2)+Book(2)+Mid-Term(2))/ OL_SL - 6 hr					1	1	1	6	9
16		Final Exam Q1 & Q2	-Permeability and Seepag -Soil Formation and its characteristcs -Soil Compaction				3	1.5					4.5
			Total Hour	14.00		25.00	3.00	1.50	2.00	2.00	2.50	10.00	60
				43.5 (73%)					16.5 (28%)				

SUPPORTIVE

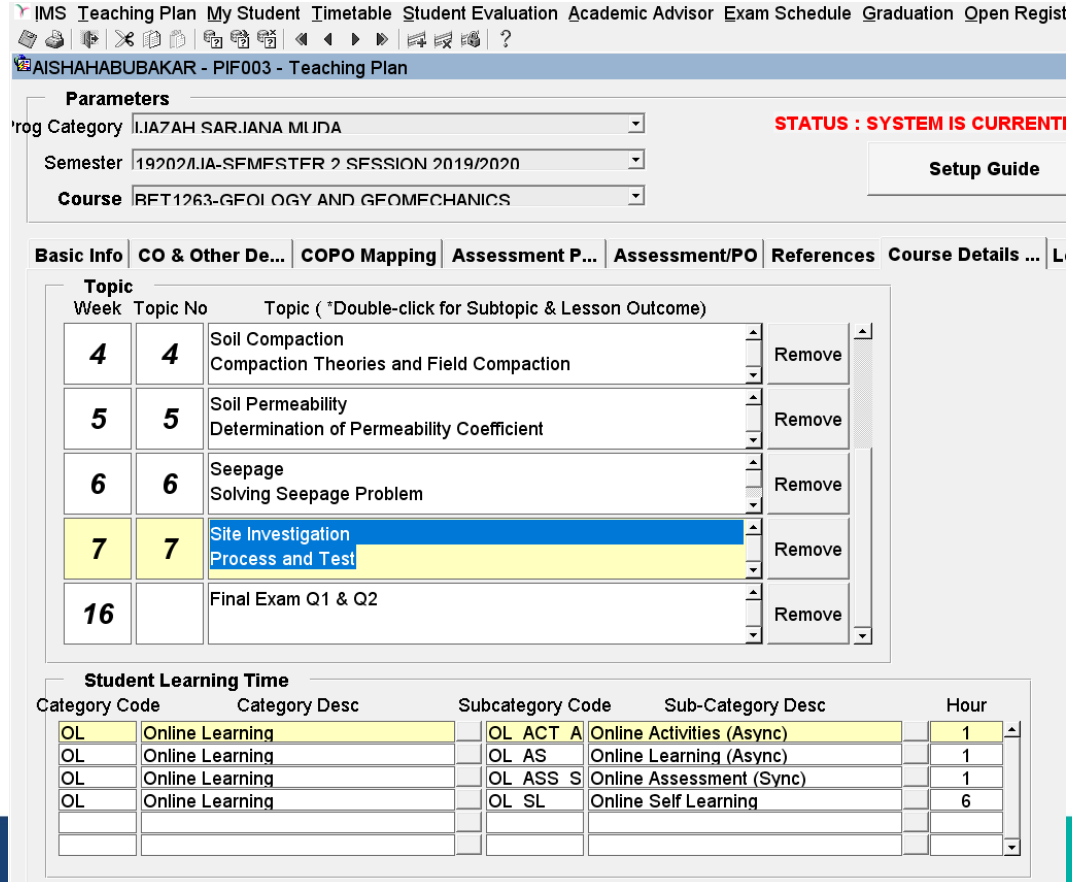
SUBSTITUTE



SUPPORTIVE BL

Lecture OL_S (1) + Activity OL_ACT_S (1) – 2 hr
Student Prep/ OL_SL - 4 hr
Assignment 1 –OL_ASS_AS - 1.5

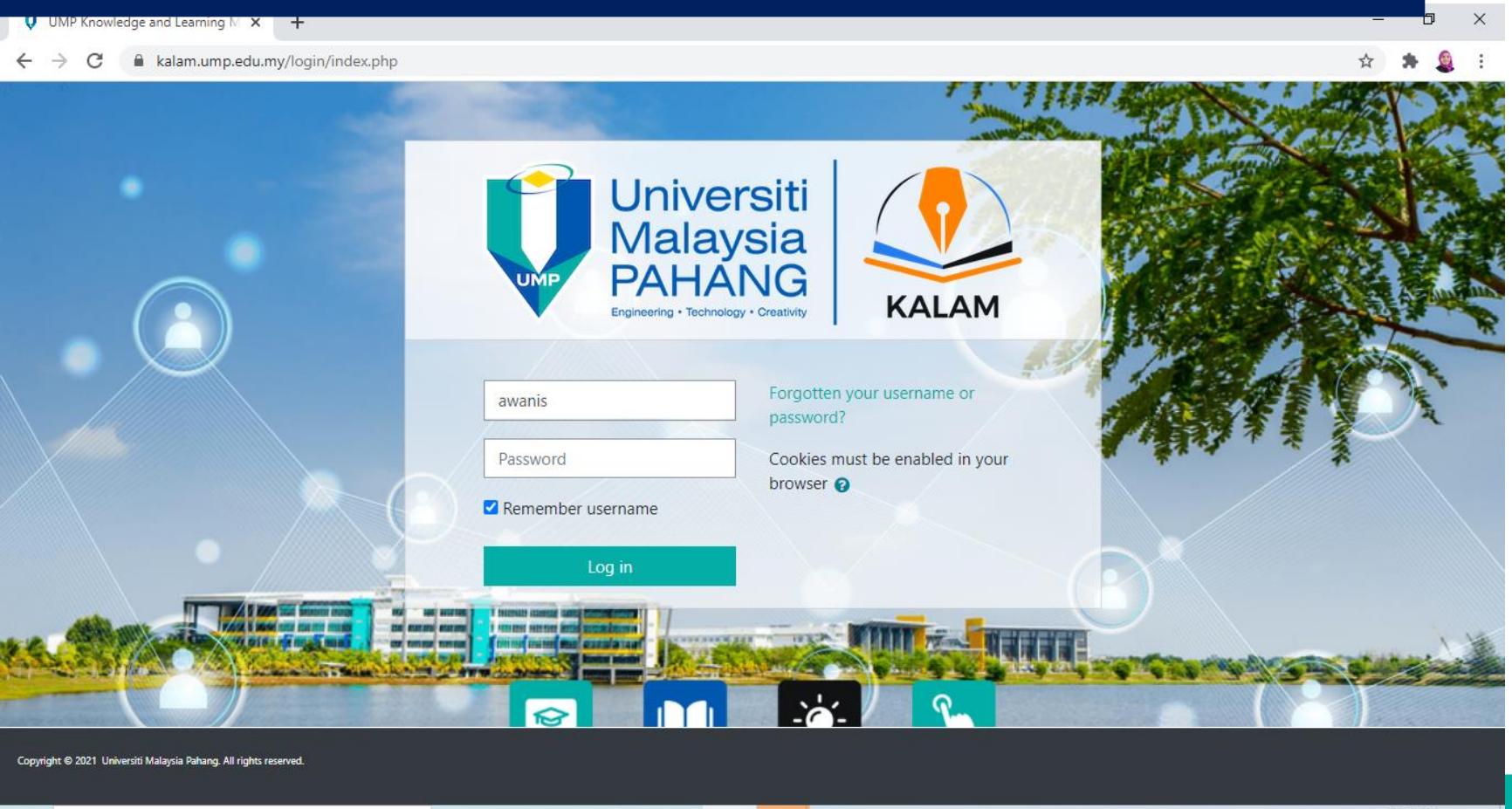
Asynchronous Activities



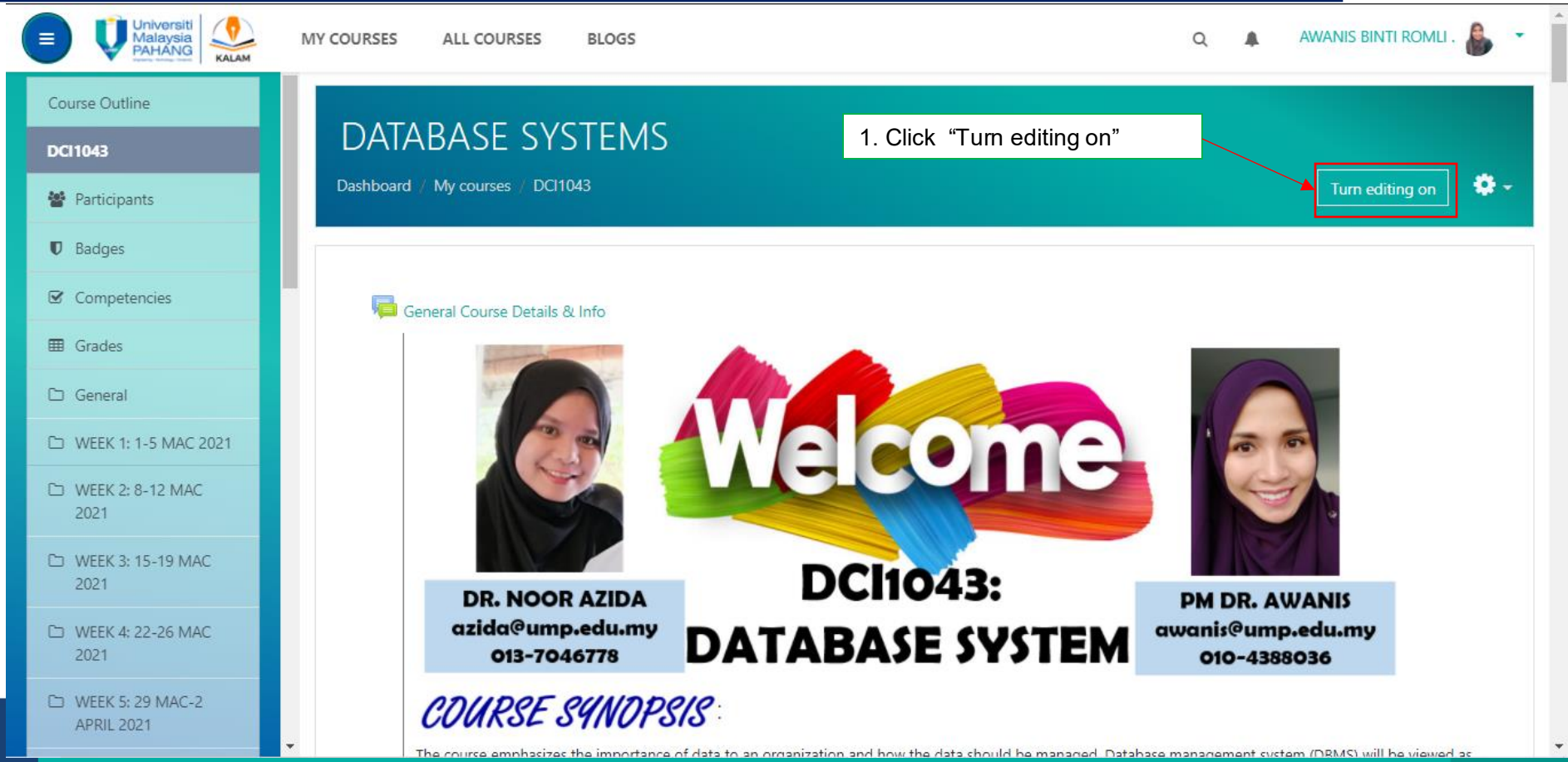
SUBSTITUTE BL

PPT Slides + Content Video - OL_AS (1) – 1 hr
Voice Recording Activity OL_ACT_AS(1) – 1 hr
Online Mid-Term OL_ASS_S (1)-1hr
Student Prep (OL_AS(2)+Book(2)+Mid-Term(2))/ OL_SL - 6 hr

SBL Declaration through KALAM



SBL Declaration for Learning Material (LM)



Course Outline
DCI1043
Participants
Badges
Competencies
Grades
General
WEEK 1: 1-5 MAC 2021
WEEK 2: 8-12 MAC 2021
WEEK 3: 15-19 MAC 2021
WEEK 4: 22-26 MAC 2021

SOFTWARE NEEDED :

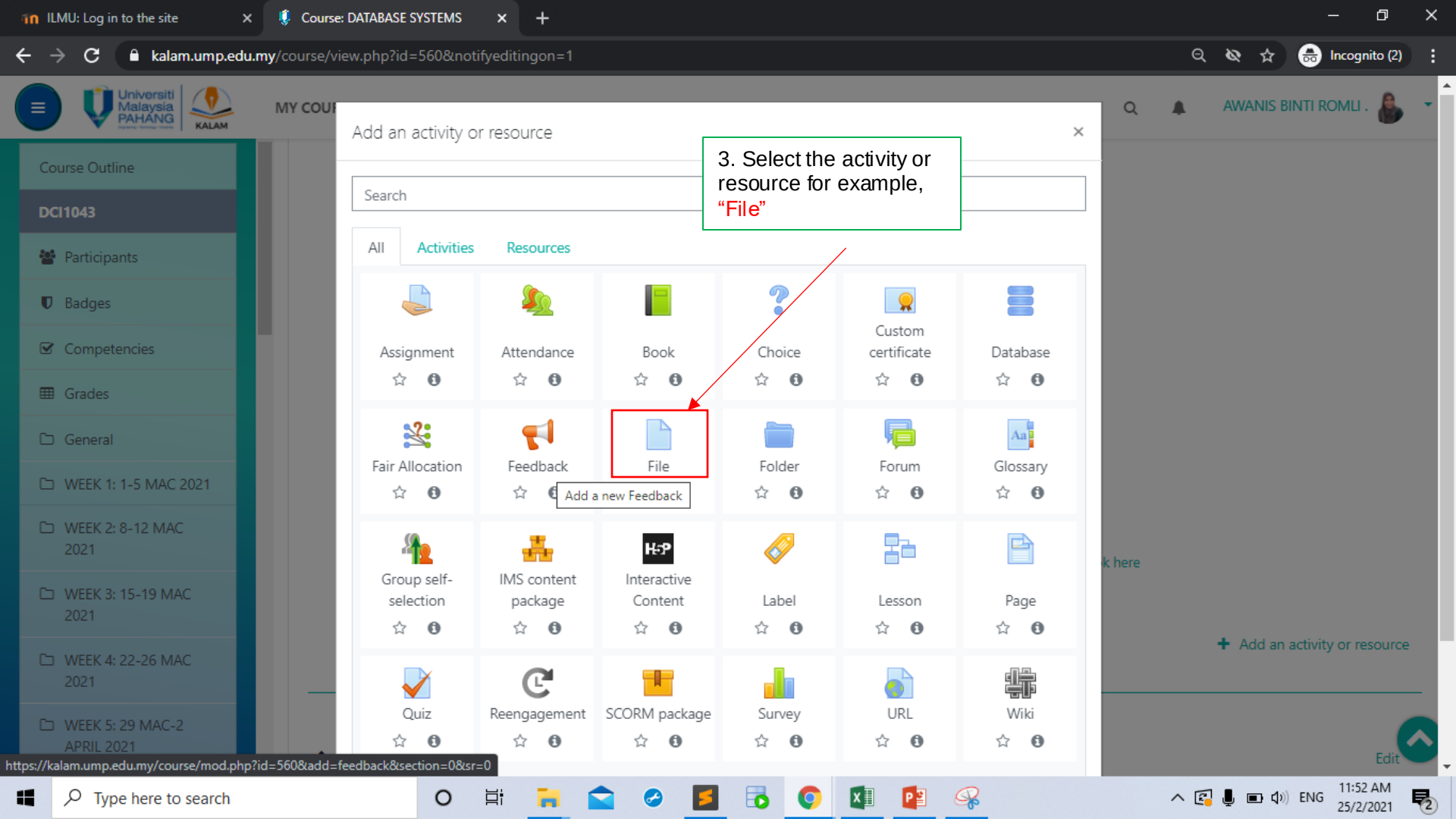
- MySQL Server (32/64bit)- can be download here
- Guide to Install MySQL Server (from the developer) - can be read here
- Step by Step Guidelines (from your lecturer) - can be read here
- Step by Step Video Guidelines (from youtube) -

REFERENCES LIST :

- Database systems: design, implementation, and management / Carlos Coronel, Steven Morris, Peter Rob -ebook here
- Fundamentals of Database Systems /Ramez Elmasri, Shamkant B. Navathe -ebook here

2. Click "Add an activity or resources

+ Add an activity or resource


ILMU: Log in to the site
Course: DATABASE SYSTEMS
kalam.ump.edu.my/course/view.php?id=560&notifyeditingon=1
Incognito (2)
Universiti Malaysia PAHANG
KALAM
AWANIS BINTI ROMLI .
Course Outline
DCI1043
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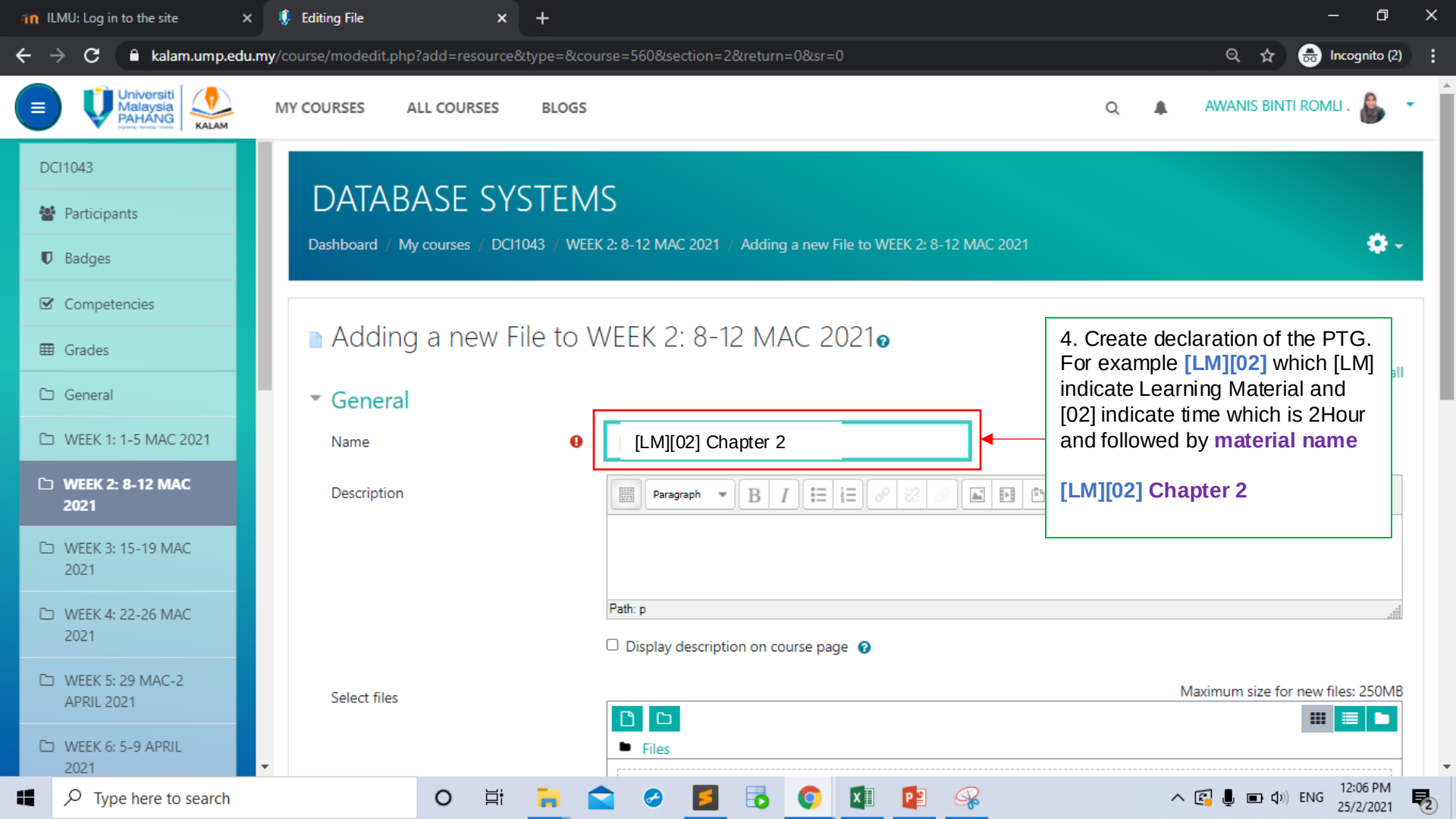
WEEK 1: 1-5 MAC 2021
WEEK 2: 8-12 MAC 2021
WEEK 3: 15-19 MAC 2021
WEEK 4: 22-26 MAC 2021
WEEK 5: 29 MAC-2 APRIL 2021
Add an activity or resource
Search
All
Activities
Resources
Assignment
Attendance
Book
Choice
Custom certificate
Database
Fair Allocation
Feedback
File
Folder
Forum
Glossary
Add a new Feedback
Group self-selection
IMS content package
Interactive Content
Label
Lesson
Page
Quiz
Reengagement
SCORM package
Survey
URL
Wiki
3. Select the activity or resource for example, "File"
Add an activity or resource
Edit
https://kalam.ump.edu.my/course/mod.php?id=560&add=feedback&section=0&sr=0
Type here to search
ENG
11:52 AM
25/2/2021


ILMU: Log in to the site
Editing File
kalam.ump.edu.my/course/modedit.php?add=resource&type=&course=560&section=2&return=0&sr=0
Incognito (2)
Universiti Malaysia PAHANG
KALAM
MY COURSES
ALL COURSES
BLOGS
AWANIS BINTI ROMLI .
DCI1043
Participants
Badges
Competencies
Grades
General
WEEK 1: 1-5 MAC 2021
WEEK 2: 8-12 MAC 2021
WEEK 3: 15-19 MAC 2021
WEEK 4: 22-26 MAC 2021
WEEK 5: 29 MAC-2 APRIL 2021
WEEK 6: 5-9 APRIL 2021
DATABASE SYSTEMS
Dashboard / My courses / DCI1043 / WEEK 2: 8-12 MAC 2021 / Adding a new File to WEEK 2: 8-12 MAC 2021
Adding a new File to WEEK 2: 8-12 MAC 2021
General
Name
[LM][02] Chapter 2
Description
Paragraph
Path: p
Display description on course page
Select files
Maximum size for new files: 250MB
Files
4. Create declaration of the PTG. For example [LM][02] which [LM] indicate Learning Material and [02] indicate time which is 2Hour and followed by material name
[LM][02] Chapter 2
Type here to search
ENG
12:06 PM
25/2/2021

ILMU: Log in to the site | Course: DATABASE SYSTEMS

kalam.ump.edu.my/course/view.php?id=560

Incognito (2)

Universiti Malaysia PAHANG | KALAM

MY COURSES | ALL COURSES | BLOGS | AWANIS BINTI ROMLI .

- Course Outline
- DCI1043
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- WEEK 4: 22-26 MAC 2021
- WEEK 5: 29 MAC-2 APRIL 2021

CHAPTER 1: INTRODUCTION TO DATABASE
1.5MB Powerpoint 2007 presentation Uploaded 24/02/21, 14:59

LINK VIDEO

WEEK 2: 8-12 MAC 2021

DATABASE ENVIRONMENT

CHAPTER 2: DATA ENVIRONMENT
3.9MB Powerpoint 2007 presentation Uploaded 24/02/21, 15:06

LAB EXERCISE W2: BEGINNER STEP TO MYSQL
1.6MB PDF document Uploaded 24/02/21, 15:12

LINK VIDEO

MINI PROJECT

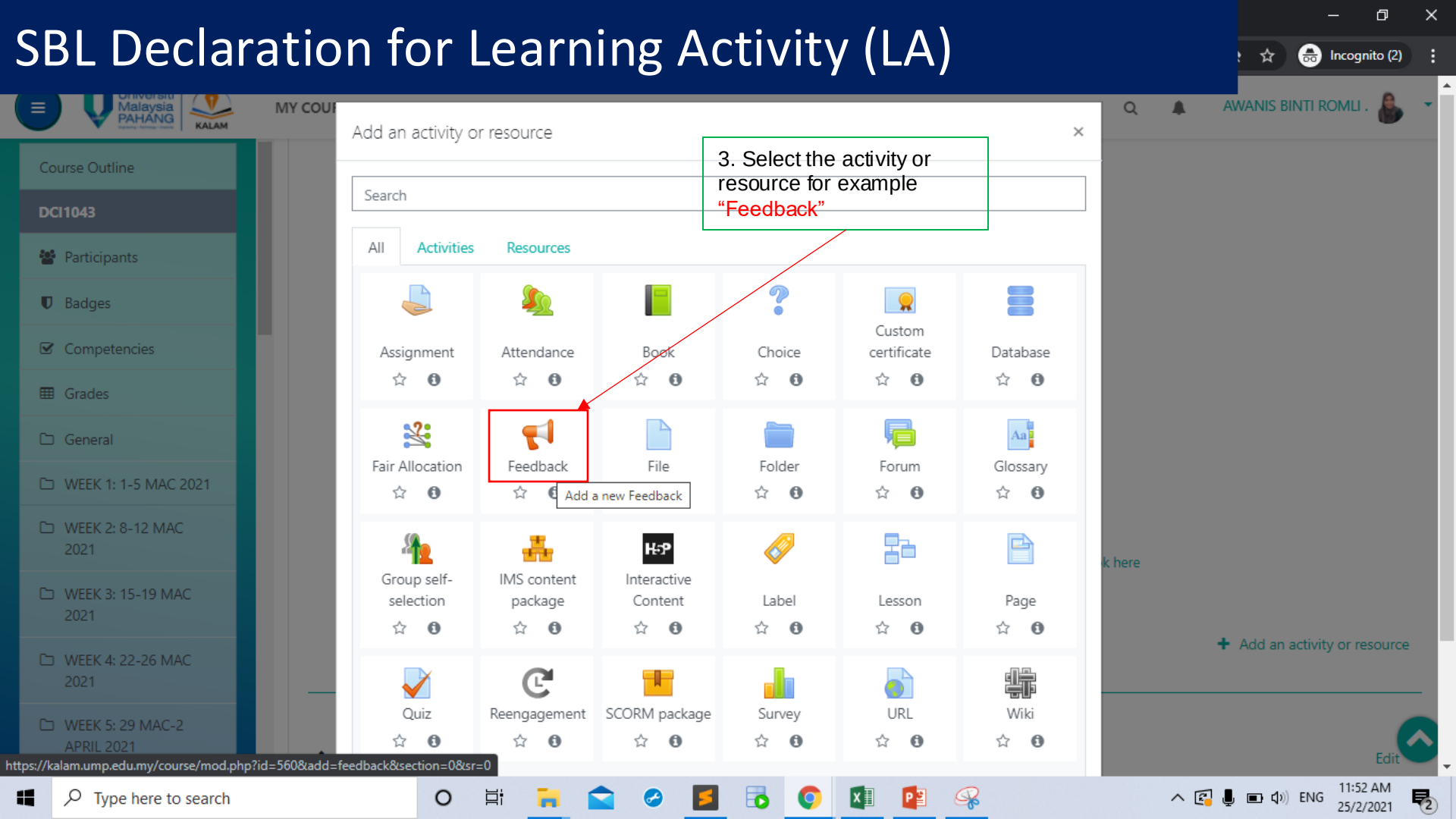
[LM][02] Chapter 2
4.2MB Powerpoint 2007 presentation Uploaded 25/02/21, 12:10

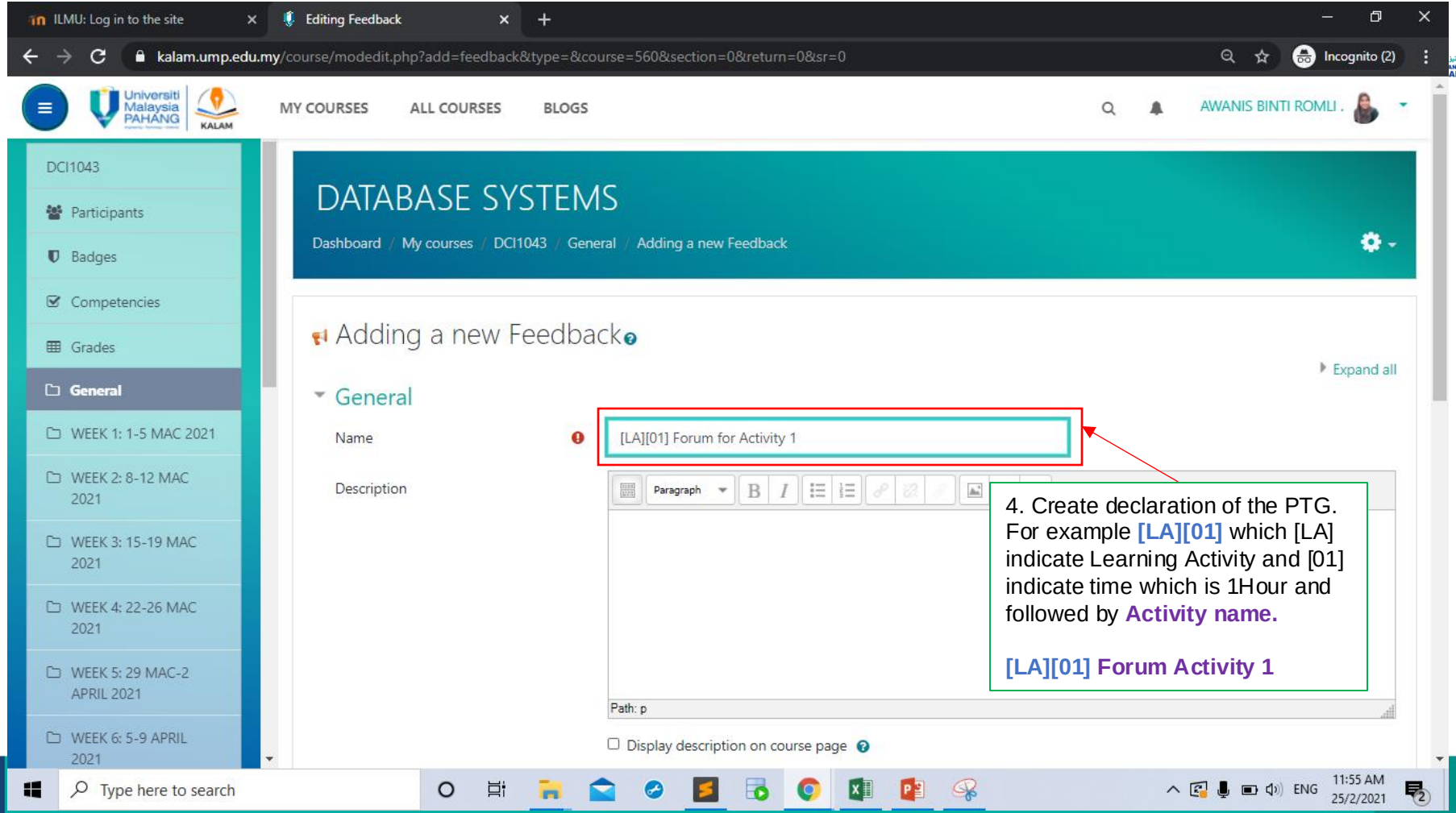
5. It will display as been created.

Type here to search

ENG 12:11 PM 25/2/2021

SBL Declaration for Learning Activity (LA)




ILMU: Log in to the site
Editing Feedback
kalam.ump.edu.my/course/modedit.php?add=feedback&type=&course=560&section=0&return=0&sr=0
Incognito (2)
MY COURSES
ALL COURSES
BLOGS
AWANIS BINTI ROMLI .
DCI1043
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WEEK 4: 22-26 MAC 2021
WEEK 5: 29 MAC-2 APRIL 2021
WEEK 6: 5-9 APRIL 2021
DATABASE SYSTEMS
Dashboard / My courses / DCI1043 / General / Adding a new Feedback
Adding a new Feedback
Expand all
General
Name
[LA][01] Forum for Activity 1
Description
Paragraph
Path: p
Display description on course page
4. Create declaration of the PTG. For example [LA][01] which [LA] indicate Learning Activity and [01] indicate time which is 1Hour and followed by Activity name.
[LA][01] Forum Activity 1
Type here to search
ENG
11:55 AM
25/2/2021

ILMU: Log in to the site | Course: DATABASE SYSTEMS

kalam.ump.edu.my/course/view.php?id=560

Incognito (2)

Universiti Malaysia PAHANG | KALAM

MY COURSES | ALL COURSES | BLOGS | AWANIS BINTI ROMLI .

- Course Outline
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- WEEK 4: 22-26 MAC 2021
- WEEK 5: 29 MAC-2 APRIL 2021

If you need to discuss a course-related subject with any of the lectures. Please make an appointment through email to ask about their availability and set an appointment. Below are the details of all the lecturer for DCI1043:

- Dr Noor Azida: azida@ump.edu.my
- Dr Awanis : awanis@ump.edu.my

SOFTWARE NEEDED:

- MySQL Server (32/64bit)- can be download here
- Guide to Install MySQL Server (from the developer) - can be read here
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REFERENCES LIST:

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- Fundamentals of Database Systems /Ramez Elmasri, Shamkant B. Navathe -ebook here

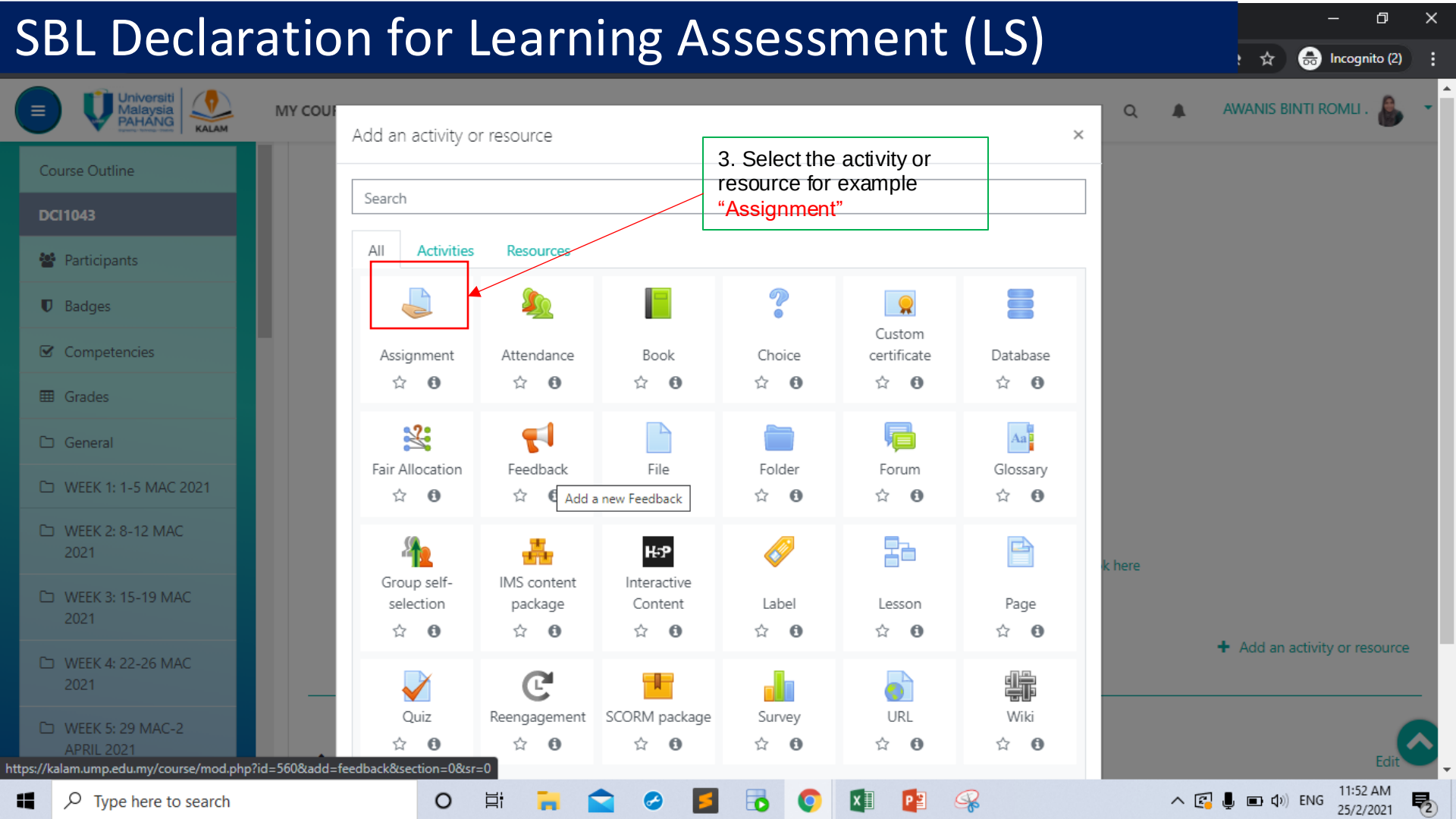
[LA][01] Forum for Activity 1

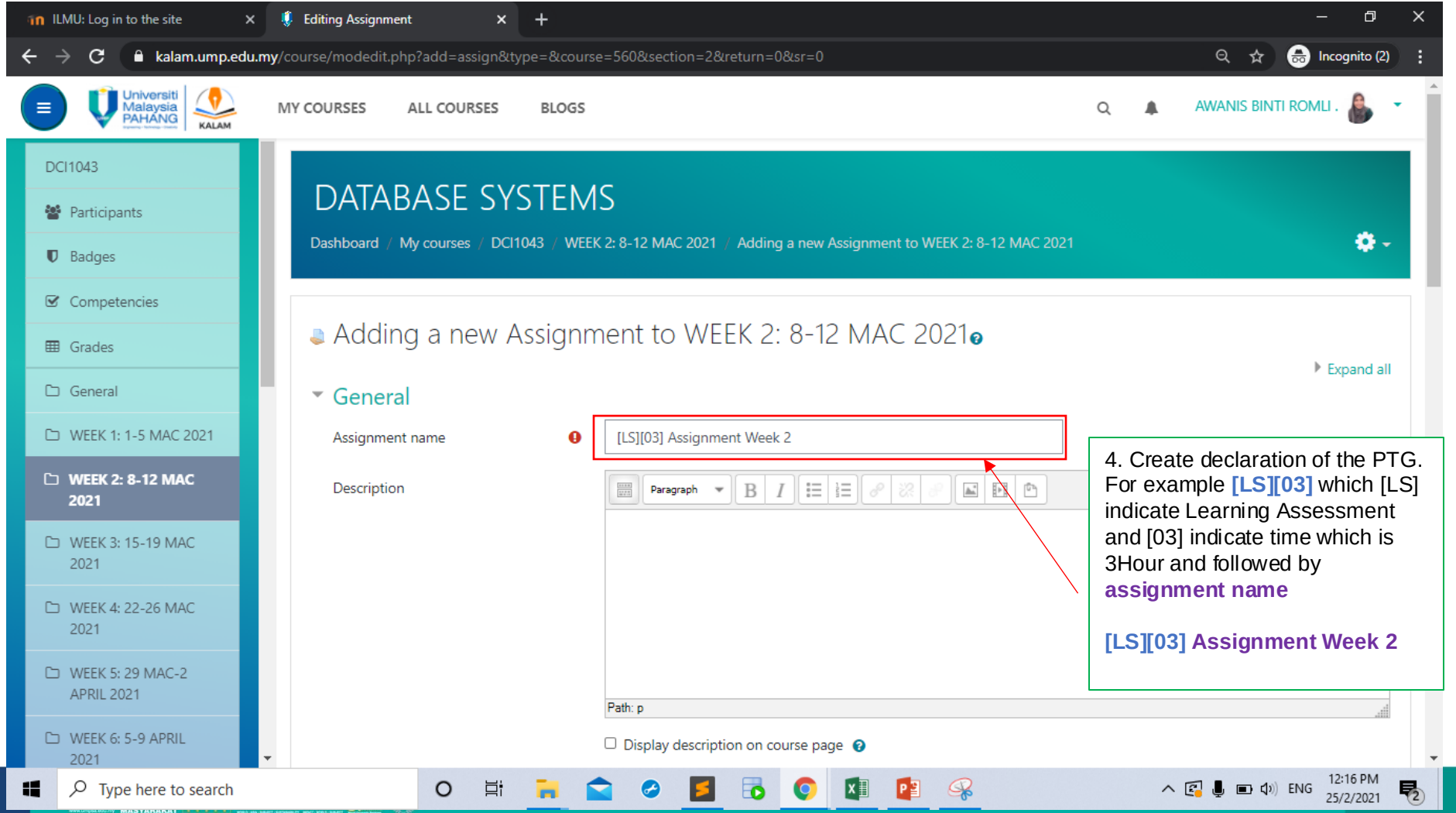
5. It will display as created.

Type here to search

ENG 11:59 AM 25/2/2021

SBL Declaration for Learning Assessment (LS)




ILMU: Log in to the site
Editing Assignment
kalam.ump.edu.my/course/modedit.php?add=assign&type=&course=560&section=2&return=0&sr=0
Incognito (2)
MY COURSES
ALL COURSES
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DCI1043
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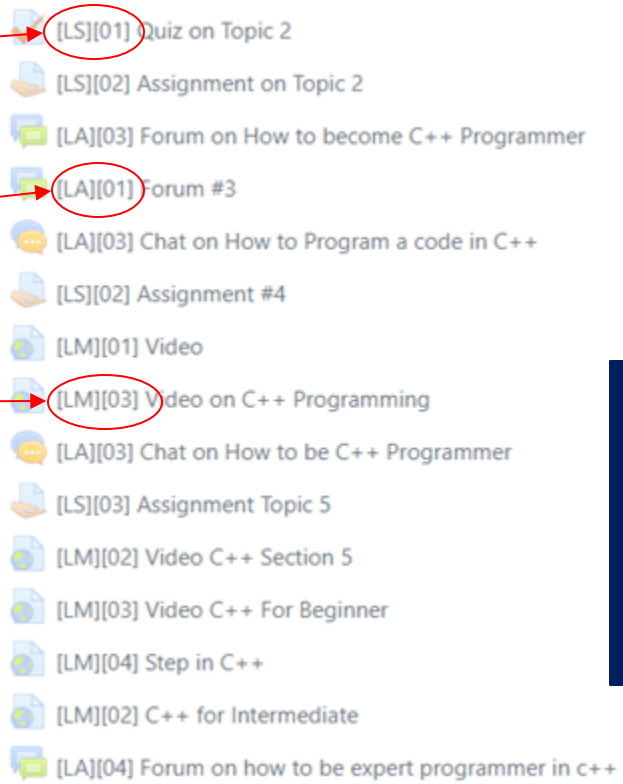
WEEK 4: 22-26 MAC 2021
WEEK 5: 29 MAC-2 APRIL 2021
WEEK 6: 5-9 APRIL 2021
DATABASE SYSTEMS
Dashboard / My courses / DCI1043 / WEEK 2: 8-12 MAC 2021 / Adding a new Assignment to WEEK 2: 8-12 MAC 2021
Adding a new Assignment to WEEK 2: 8-12 MAC 2021
Expand all
General
Assignment name
[LS][03] Assignment Week 2
Description
Paragraph
Path: p
Display description on course page
4. Create declaration of the PTG. For example [LS][03] which [LS] indicate Learning Assessment and [03] indicate time which is 3Hour and followed by assignment name
[LS][03] Assignment Week 2
Type here to search
ENG
12:16 PM
25/2/2021

SBL Declaration Method in KALAM

[LS] - Declaration for Learning Assessment
[01] - Declaration for time

[LA] - Declaration for Learning Activity
[01] - Declaration for time

[LM] - Declaration for Learning Material
[03] - Declaration for time

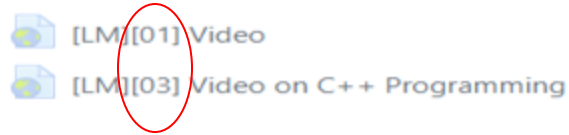


Note:

For the SBL purpose – Learning material, learning activity and learning assessment in the KALAM need to be declared as [LA], [LM], and [LS] and followed by the time spent for each element.

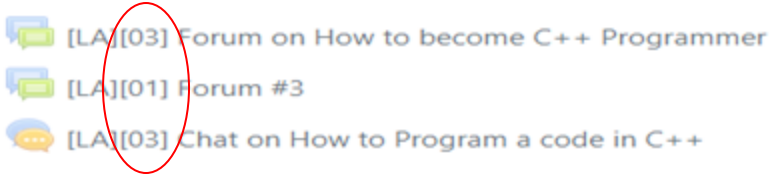
SBL Calculation in KALAM

- Learning Material [LM] – Lecturer needs to key in code and hour. Example: [LM] [02]



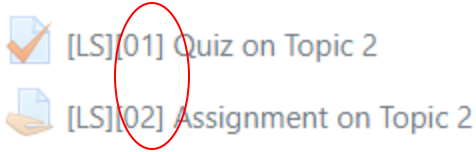
Total LM = 01+03
= 04 hours

- Learning Activities [LA] - Lecturer needs to key in code and hour. Example: [LA] [01]



Total LA = 03+01+03
= 07 hours

- Learning Assessment [LS] - Lecturer needs to key in code and hour. Example: [LS] [01]

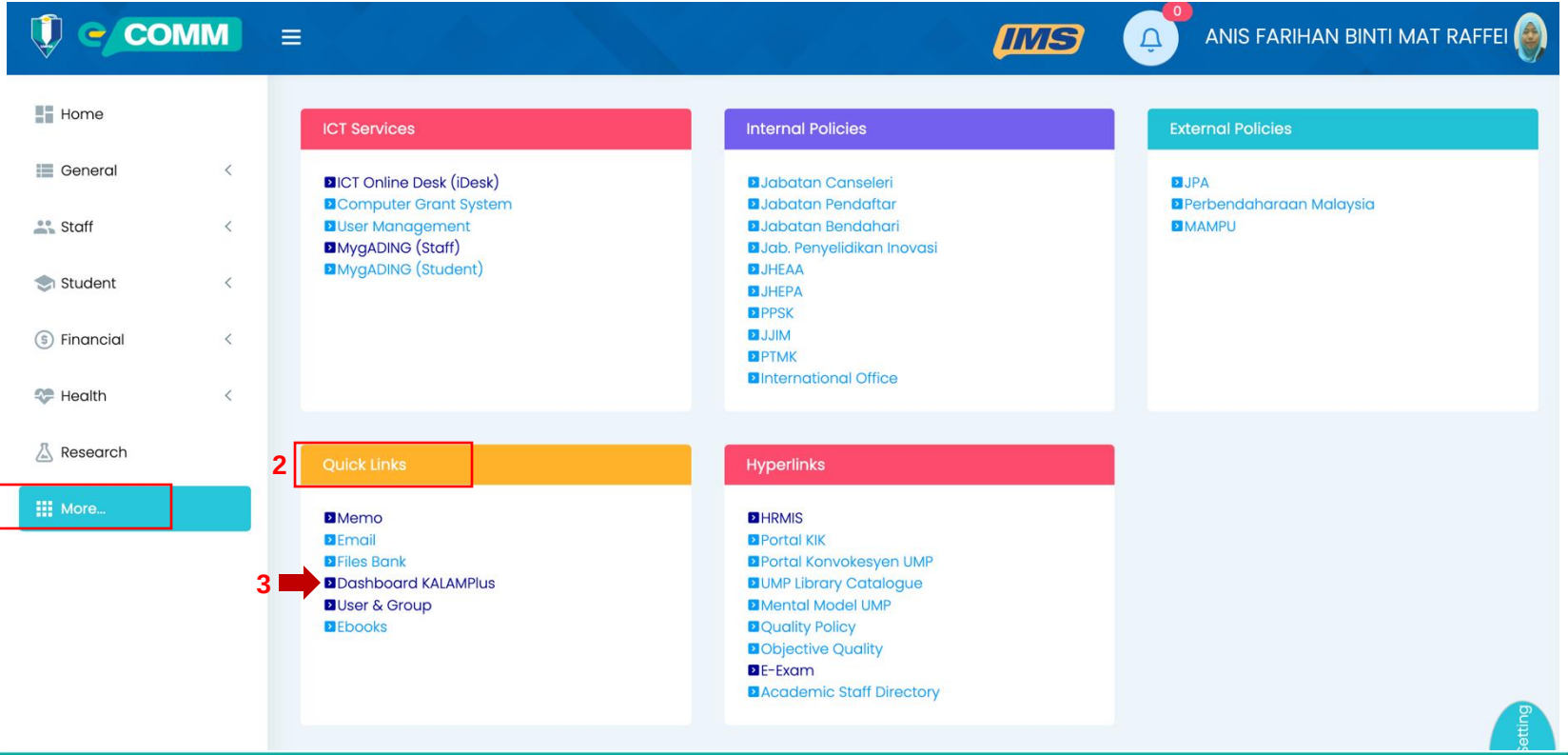


Total LS = 01+02
= 03 jam

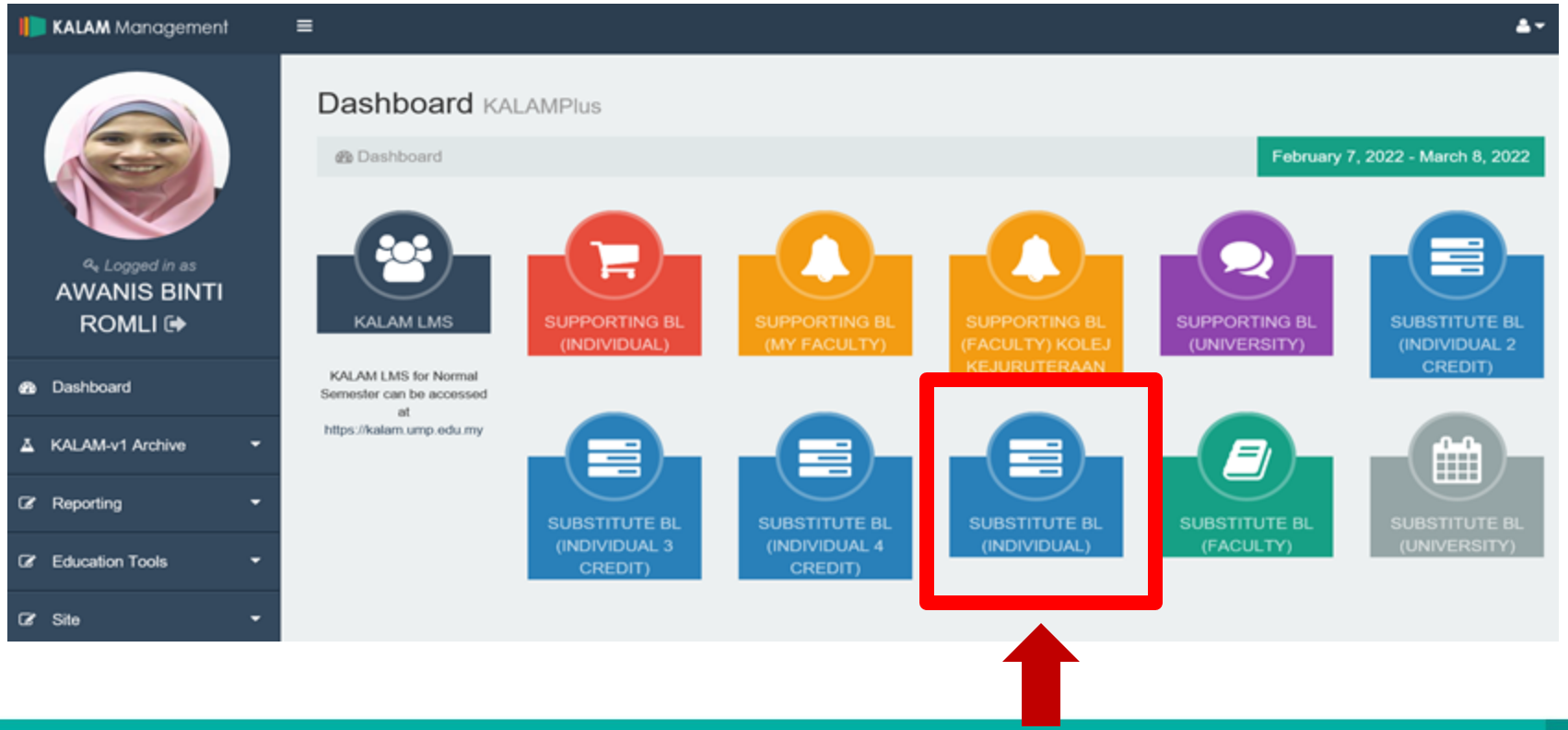
SBL Reporting in Dashboard KALAMPlus

SBL Reporting in Dashboard KALAMPlus

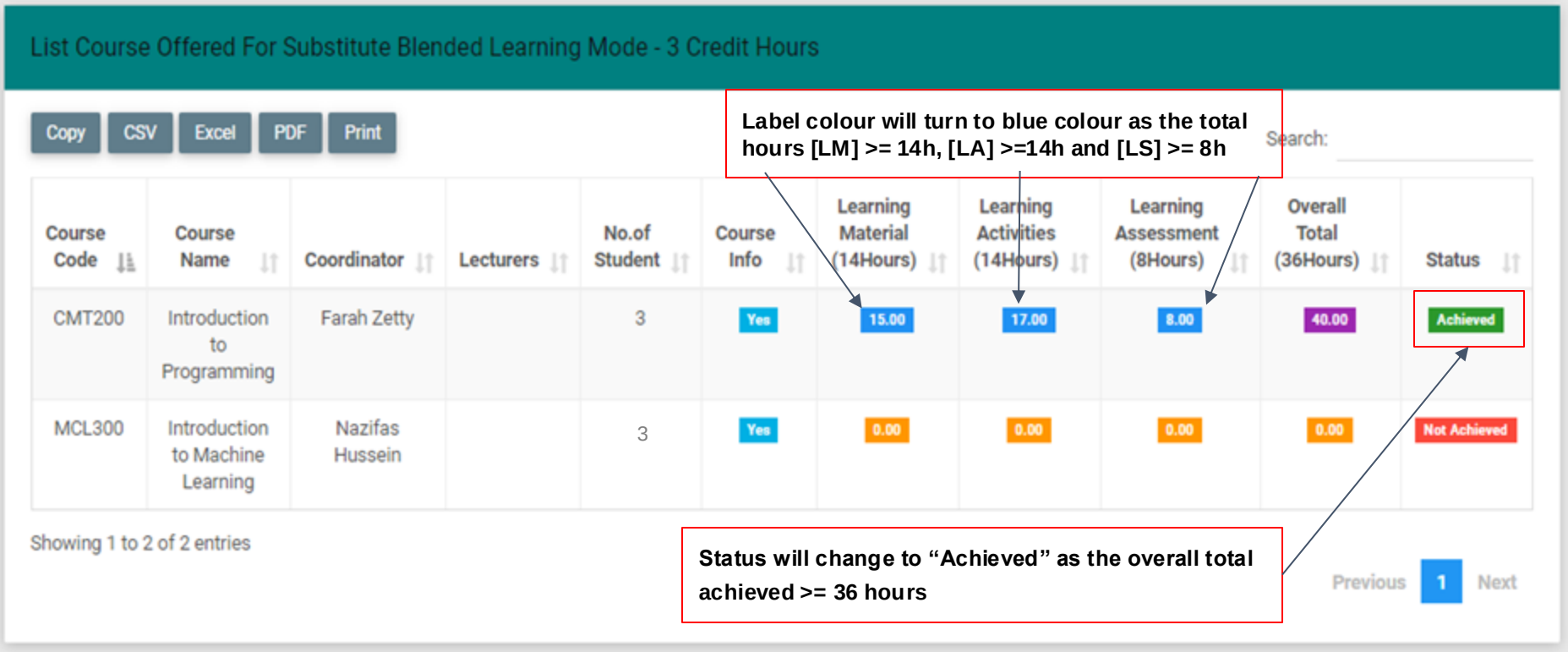
Login to e-comm-> More-> Quick Links (Dashboard KALAMPlus)



KALAM Dashboard - Click SUBSTITUTE BL (INDIVIDUAL)



Example of reporting & calculation SBL for 3 credit hours



List Course Offered For Substitute Blended Learning Mode - 3 Credit Hours

Copy | CSV | Excel | PDF | Print

Search:

Label colour will turn to blue colour as the total hours [LM] >= 14h, [LA] >=14h and [LS] >= 8h

Course Code	Course Name	Coordinator	Lecturers	No.of Student	Course Info	Learning Material (14Hours)	Learning Activities (14Hours)	Learning Assessment (8Hours)	Overall Total (36Hours)	Status
CMT200	Introduction to Programming	Farah Zetty		3	Yes	15.00	17.00	8.00	40.00	Achieved
MCL300	Introduction to Machine Learning	Nazifas Hussein		3	Yes	0.00	0.00	0.00	0.00	Not Achieved

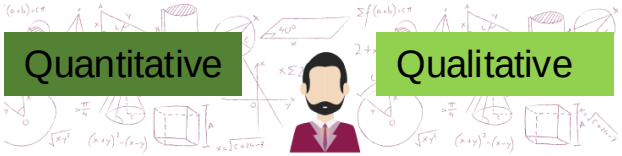
Showing 1 to 2 of 2 entries

Previous 1 Next

Status will change to "Achieved" as the overall total achieved >= 36 hours

SUMMARY

Perubahan Definisi Operasi PTS dan PTG (2016-2019) kepada PTG (2019 dan Seterusnya)



Pelaksanaan 2016 – 2019

Formula PTG
5:40:35:20

Formula PTS
1:7:3:2

Pelaksanaan 2019 dan seterusnya

Formula PTG
40:40:20

3 UMP's SBL IMPLEMENTATION- SBL30%

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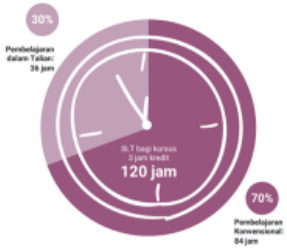
Simulasi 1:
Kursus 3 jam kredit dengan PTG 30%

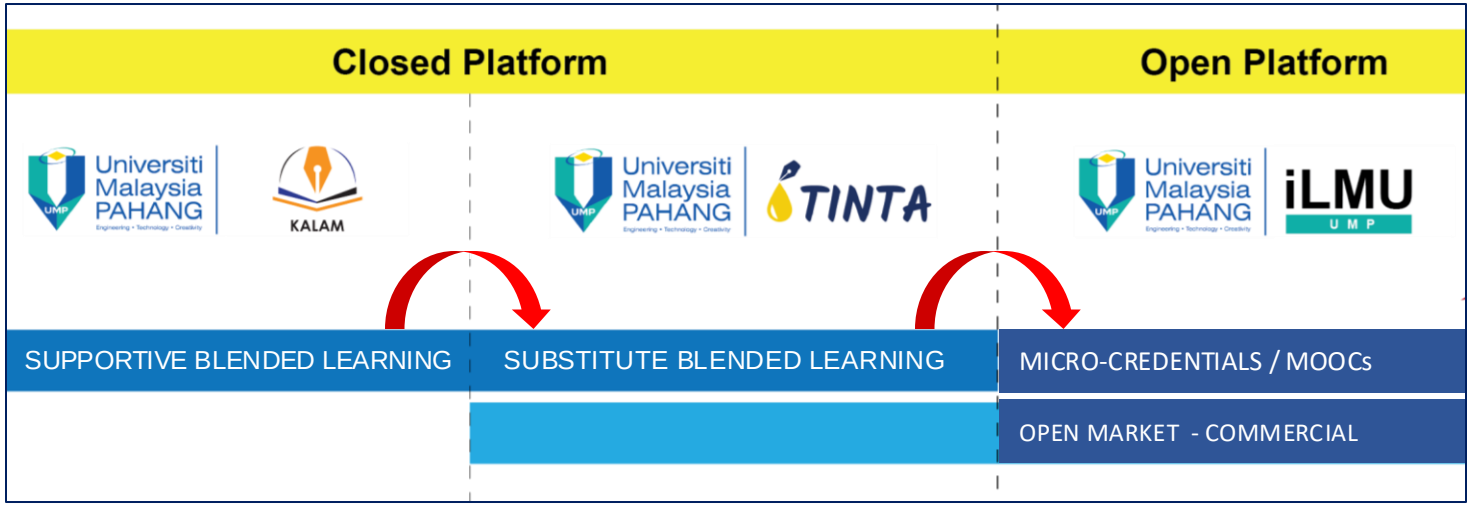


*Sumber
Buku Garis Panduan Pelaksanaan Pembelajaran Teradun Gantian (Pembelajaran Dalam Talian)

Online Async Face to Face (Physical)
In the context of Hybrid Learning

Asynchronous Synchronous
In the context of Online Remote Learning

SUMMARY – SBL in UMP's e-Learning Ecosystem

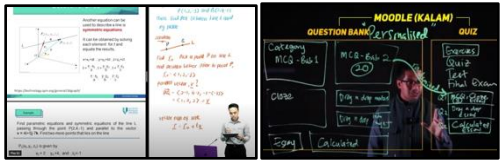


SUMMARY

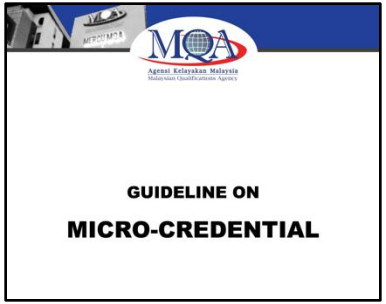
Function of SUBSTITUTE BLENDED LEARNING in UMP's e-Learning Ecosystem

MODULAR

4 Weeks Modular



4 Weeks PTG



4 Weeks Modular
+
4 Weeks PTG

THANK YOU

"The capacity to learn is a gift; the ability to learn is a skill; the willingness to learn is a choice"

Brian Herbert