



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

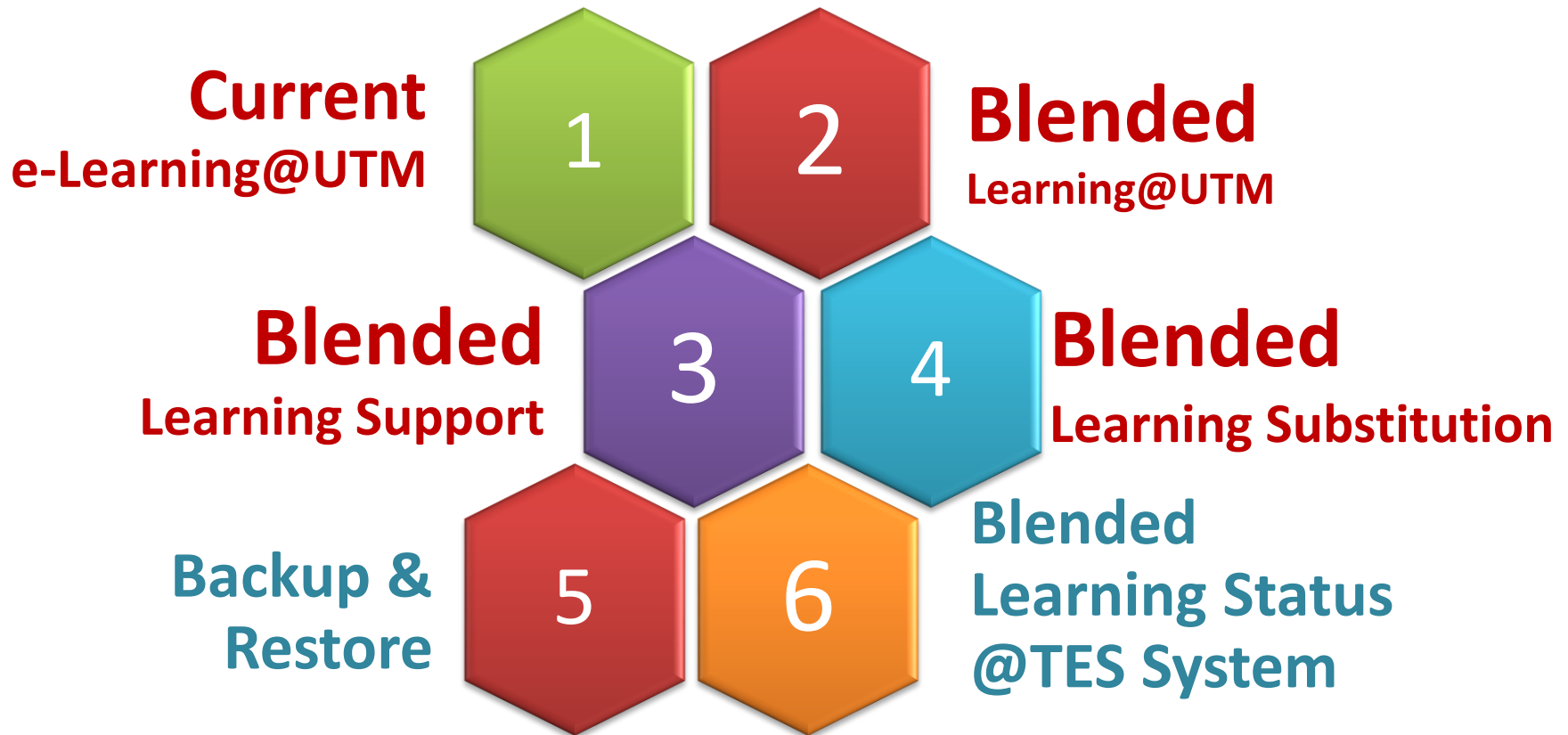
Pusat Kepimpinan  
Akademik UTM  
(UTMLead)

# e-Learning@UTM



innovative ● entrepreneurial ● global

# Outline



# E-learning@UTM

- A system in which course syllabi, lecture notes, quizzes, assignments, and discussion forums can be accessed online
- Each registered student is provided with access the course materials at any time from anywhere
- Hybrid/ Blended Learning approach – online materials to support traditional teaching methods

# Why use LMS?

- To facilitate management of a course web page
- Provide a uniform information distribution method for the whole campus
- Dynamic contents make updating of information easier - knowledge of html is not required
- Integration with the students information management system enables seamless access to student data – ACID (MYUTM)

# Facilities

**01**

**Accessing course info, syllabus,  
lecture plans**

**02**

**Downloading lecture notes, learning  
objects, supporting materials**

**03**

**Participation in online discussions  
with lecturers and fellow students**

**04**

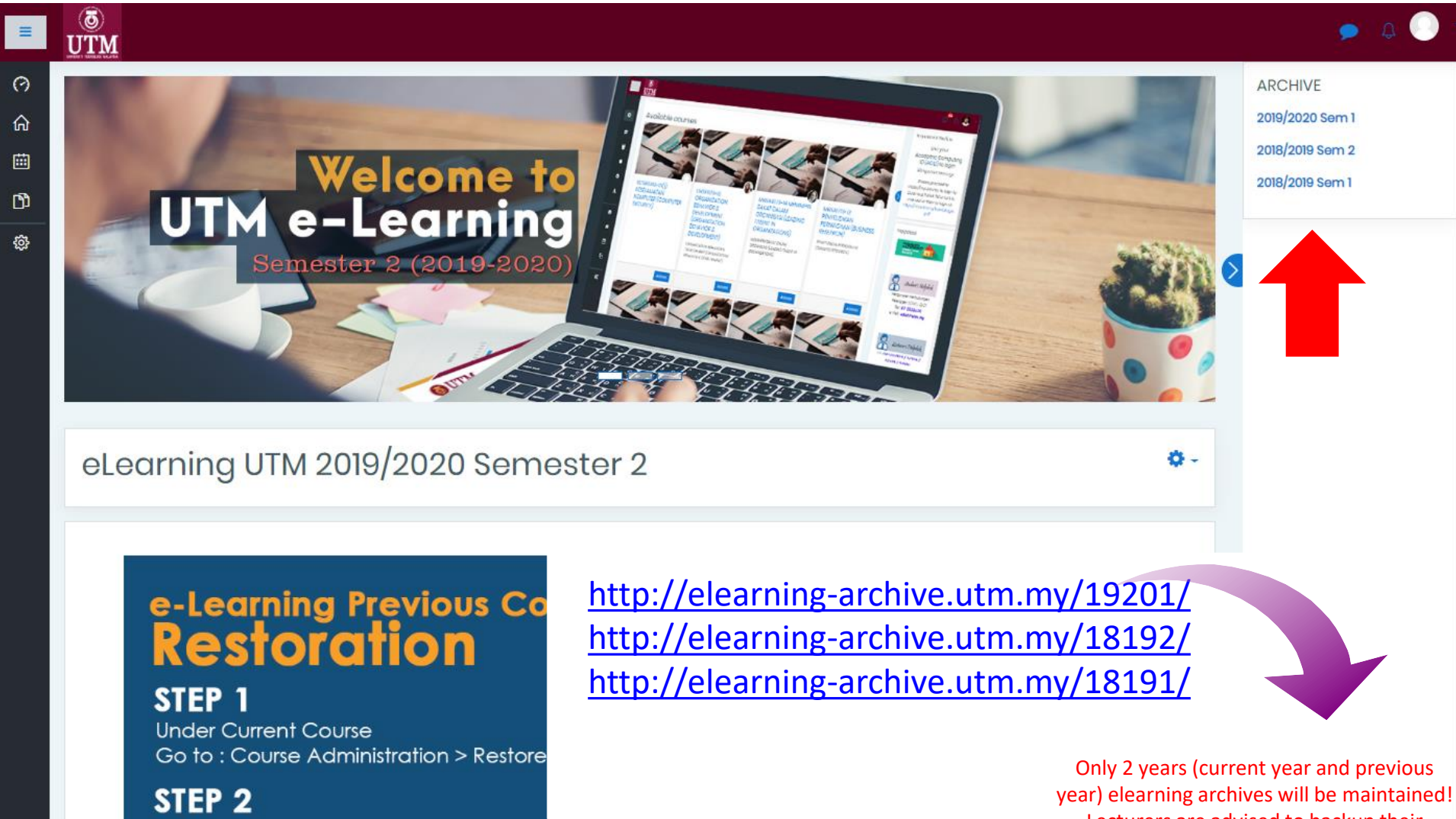
**Online assesment – quizzes & online  
assignment**

# Main Page



The screenshot shows the main page of the UTM e-Learning system. At the top, there is a dark red header with the UTM logo and navigation icons. Below the header is a large banner image of a laptop displaying the e-Learning interface, with a text overlay that reads: "Welcome to UTM e-Learning Semester 2 (2019-2020)". To the right of the banner is an "ARCHIVE" section with links for "2019/2020 Sem 1", "2018/2019 Sem 2", and "2018/2019 Sem 1". Below the banner is a white box containing the text "eLearning UTM 2019/2020 Semester 2" and a settings gear icon. At the bottom, there is a blue box with the text "e-Learning Previous Course Restoration" and two steps: "STEP 1 Under Current Course Go to : Course Administration > Restore" and "STEP 2".

# Archive @e-Learning (Internal)



The screenshot shows the UTM e-Learning interface. At the top, there is a navigation bar with the UTM logo and a hamburger menu. Below the navigation bar is a large banner image of a laptop displaying the e-Learning platform. The banner text reads: "Welcome to UTM e-Learning Semester 2 (2019-2020)". To the right of the banner is a sidebar menu with the following items: "ARCHIVE", "2019/2020 Sem 1", "2018/2019 Sem 2", and "2018/2019 Sem 1". A red arrow points upwards from the "2018/2019 Sem 2" option. Below the banner is a section titled "eLearning UTM 2019/2020 Semester 2" with a settings gear icon. Below this is a blue box containing the following text:

**e-Learning Previous Course Restoration**

**STEP 1**  
Under Current Course  
Go to : Course Administration > Restore

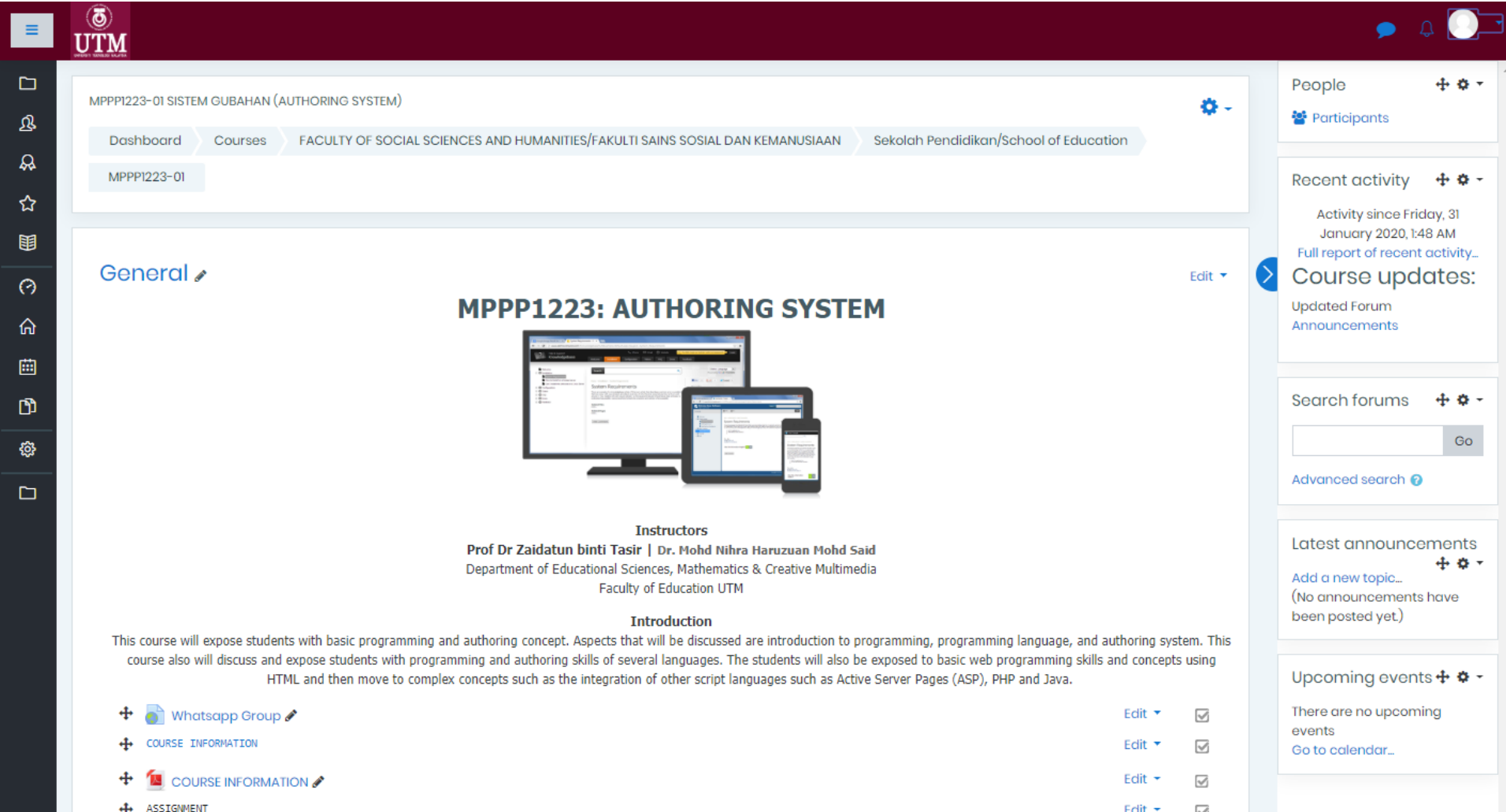
**STEP 2**

<http://elearning-archive.utm.my/19201/>  
<http://elearning-archive.utm.my/18192/>  
<http://elearning-archive.utm.my/18191/>

A purple arrow points from the URLs to the right.

Only 2 years (current year and previous year) e-learning archives will be maintained!  
Lecturers are advised to backup their courses!

# Example



The screenshot shows a Moodle course page for 'MPPP1223-01 SISTEM GUBAHAN (AUTHORING SYSTEM)'. The page is titled 'MPPP1223: AUTHORING SYSTEM' and features a central image of a computer monitor, tablet, and smartphone displaying the system interface. Below the image, the course is taught by Prof Dr Zaidatun binti Tasir and Dr. Mohd Nihra Haruzuan Mohd Said, both from the Department of Educational Sciences, Mathematics & Creative Multimedia, Faculty of Education UTM. The course introduction states that it covers basic programming and authoring concepts, including HTML, ASP, PHP, and Java. The page includes a sidebar with navigation options like 'Dashboard', 'Courses', and 'MPPP1223-01'. A right-hand sidebar contains sections for 'People', 'Recent activity', 'Course updates', 'Search forums', 'Latest announcements', and 'Upcoming events'. The bottom of the page features a navigation menu with 'Whatsapp Group', 'COURSE INFORMATION', and 'ASSIGNMENT'.



# Example

## + 22 February - 28 February ✎

Edit ▾

### WEEK 3

Introduction to Symbols – Graphics, Button, & Movie Symbols

Animation in Flash

Motion & Shape Tweening

+  FLASH TUTORIAL - ADVANCE SHAPE TWEEN ✎

Edit ▾

+  FLASH TUTORIAL - MOTION TWEEN ✎

Edit ▾

+  CLASS ACTIVITY - MOTION TWEEN ✎

Edit ▾

+  Week3-frame by frame activity ✎

Edit ▾ 

+  Traditional Animation - Upload Here ✎

Edit ▾ 

+  Motion Guide Animation ✎

Edit ▾ 

+  Whatsapp Group! ✎

Edit ▾

+  9 Sept 2018: Flash hand-on activity (coderufotuu) ✎

Edit ▾

+  resting man image ✎

Edit ▾

+  16 Sept 2018: Motion Tweening ✎

Edit ▾

+  Angry bird ✎

Edit ▾

+  16 Sept 2018: Shape Tweening ✎

Edit ▾

+  16 Sept 2018: Text Tweening ✎

Edit ▾

+  Farm Activity - Horse ✎

Edit ▾ 

+ Add an activity or resource

# Example

## Virtual Class



MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:toriong jawad  
 NUR FATEHAH BINTI YUSOFF A19HP0106:tak :(  
 NUR ANIS HAAFIZHAH BINTI TAN ANUAR A19HP0102:still tak dgr..  
 :/  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:nampak tak  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:cuba cakap  
 NUR FATEHAH BINTI YUSOFF A19HP0106:okay boleh dngr  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:cuba cakap  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:on kan mic  
 MOHAMAD RIDHWAN BIN OTHMAN A19HP0053:tak  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:dan video  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:scan QR code  
 MOHD NIHRA HARUZUAN BIN MOHD SAID 8630:utk kehadiran  
 NATA SHA AMELIA BINTI AZIZAN A19HP0088:X boleh dar



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# Integration Process

Why my subject is not in the e-learning???



# Integration Process

- Integration with Sistem Maklumat Pelajar (AIMS2000 / SPS)
  - *daily cronjob basis* (midnight)
    - Students Data,
    - Subject Registration Data
    - Teachers Data
- LDAP (Lightweight Directory Access Protocol) Integration (User authentication)
- Single Sign On ( Portal MyUTM <http://my.utm.my> )
- Courses registered are automatically updated for students in system
- Courses are displayed by semester for lecturers

# Semakan Subjek Pensyarah

SESISEM

NO STAFF

**Cari**

Senarai Subjek yang diajar oleh pensyarah

Show  entries

Search:

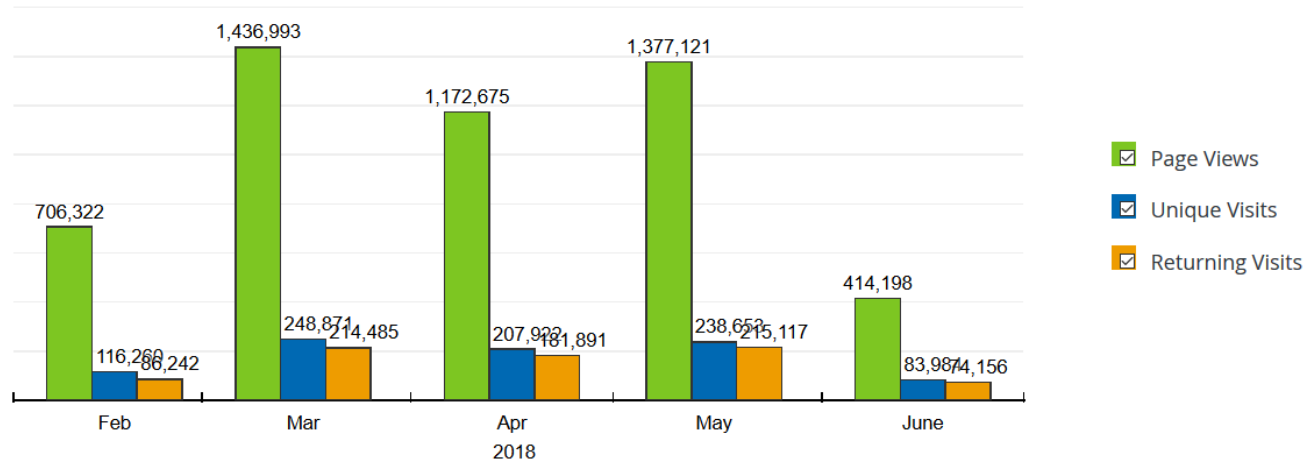
Kod Kursus ▲	No. Seksyen ⇅	Kod Subjek ⇅	Tajuk Kursus ⇅	Jenis Kursus ⇅
MPPP1223	01	MPPP1223-01	SISTEM GUBAHAN (AUTHORING SYSTEM)	K
MPPU1074	01	MPPU1074-01	KAEDAH PENYELIDIKAN DAN ANALISIS DATA DALAM PENDIDIKAN (RESEARCH METHODOLOGY AND DATA ANALYSIS IN EDUCATION)	K
SHPP1702	02	SHPP1702-02	REKA BENTUK MULTIMEDIA DAN INTERAKSI MANUSIA KOMPUTER (MULTIMEDIA DESIGN AND HUMAN COMPUTER INTERACTION)	K
SPPP1702	02	SPPP1702-02	REKABENTUK MULTIMEDIA DAN INTERAKSI MANUSIA KOMPUTER (MULTIMEDIA DESIGN AND HUMAN COMPUTER INTERACTION)	K
UHPP0010	01	UHPP0010-01	KAEDAH PENYELIDIKAN DAN ANALISIS DATA (RESEARCH METHODOLOGY AND DATA ANALYSIS)	A

Showing 1 to 5 of 5 entries

<http://161.139.21.125/semakaims/>

Previous **1** Next

# Monthly Hits



Month	Page Loads	Unique Visits	First Time Visits	Returning Visits
Feb-18	706,322	116,260	30,018	86,242
Mar-18	1,436,993	248,871	34,386	214,485
Apr-18	1,172,675	207,922	26,031	181,891
May-18	1,377,121	238,653	23,536	215,117
Jun-18	414,198	83,984	9,828	74,156
<b>Total</b>	<b>5,107,309</b>	<b>895,690</b>	<b>123,799</b>	<b>771,891</b>



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# Blended Learning @UTM



# Blended Learning@UTM

- Blended learning is defined as the practice of combining both online and face-to-face learning experiences (30% to 79 % of the course content is delivered online)
- Reporting to UTM and KPT based on Yearly Session (Sem 1, Sem 2 and Sem 3 )

## Based on DePAN:

Bidang Fokus	Fasa 1 2015	Fasa 2 2016-2020	Fasa 3 2021-2025
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.

- 
- **30% Blended Learning 2016**
  - **40% Blended Learning 2017**
  - **70% by 2025**



# Blended Learning@UTM



Each Public Universities need to ensure that the practice of blended learning (e-Learning) meets predefined conditions.

These conditions are:

EL1 - Provides Courses Framework (L1)

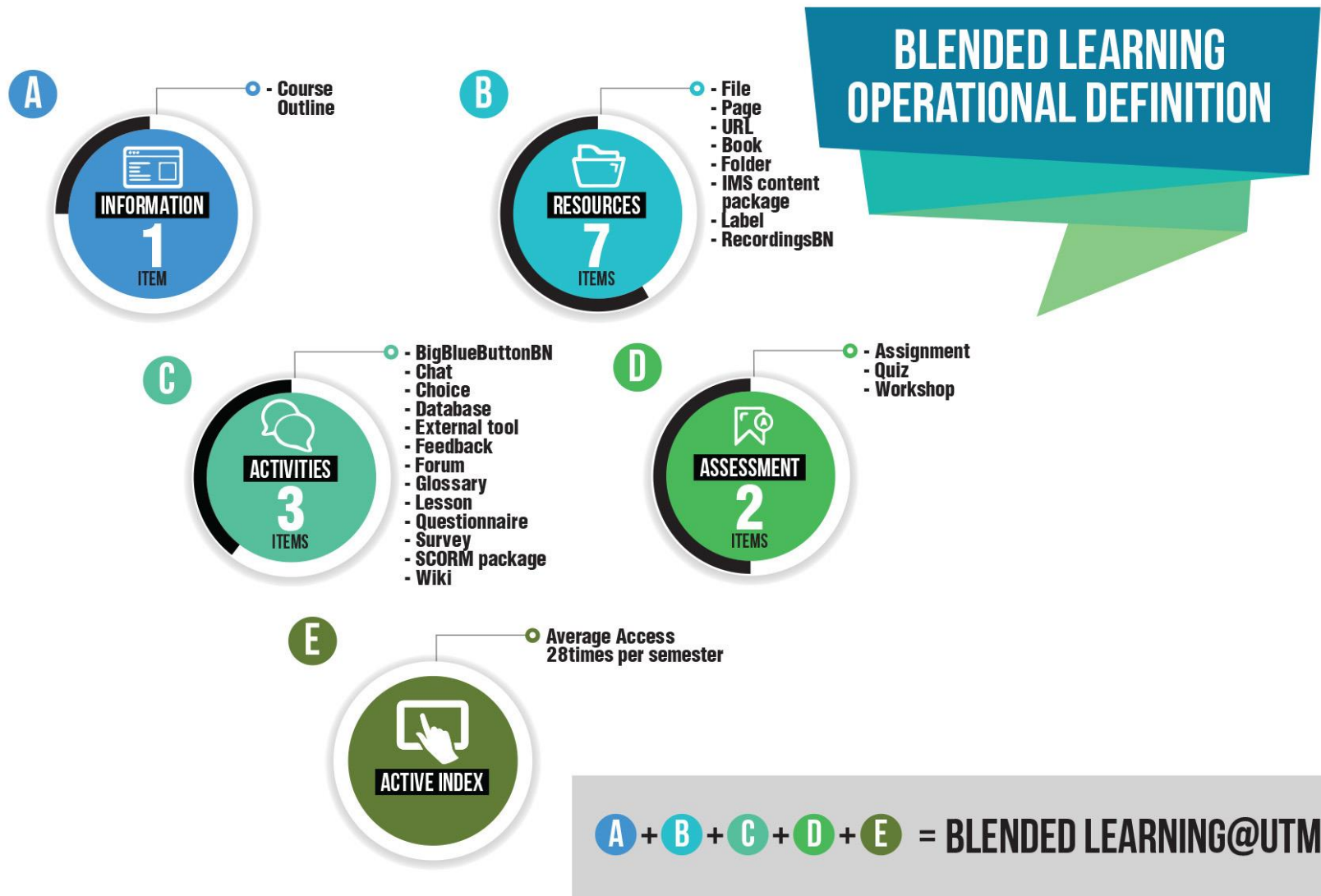
EL2 - Provides learning materials (at least 50% of the total content or 7 units weekly lecture notes)

EL3 – Organize at least 3 online learning activities (during the semester)

EL4 – Using at least 2 online assessment (during the semester)

EL5 - Average access for each student to e-learning (known as Active Index) greater than 28 times during the semester

# Blended Learning



# Blended Learning

The practice of blended learning courses offered at UTM were evaluated and reported as follows:

CL1: Fulfils condition EL1 only;

CL2: Fulfils condition EL1 and EL2 / EL3 / EL4 only ;

CL3: Fulfils condition EL1, EL2 / EL3 / EL4 and EL5 only;

CL4: Fulfils condition EL1, EL2, EL3 and EL4 only;

CL5: All 5 elements of blended learning fulfils;

Courses that belong to **CL4 and CL5** level are considered as blended learning courses **BUT** only courses with **CL5** are awarded with Blended Learning Recognition Certificate (which can be used for TES LPPT or Promotion (DCP)).



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# Blended Learning Support or Substitution



# Blended Learning Support or Substitution

## Inisiatif Lonjakan ke-9

Menjadikan pembelajaran dalam talian sebagai komponen integral bagi pendidikan tinggi, dengan **70% daripada kursus menggunakan pembelajaran teradun** menjelang 2025

01



# Updated Blended Learning: Support (Sokongan) vs Substitution (Gantian)

Kategori	Penerangan	Bilangan item untuk pengiraan % PT
Maklumat (5%)	Objektif Pembelajaran/Sinopsis/Silabus/Rancangan Belajar/Skim kerja/ Proforma/ Panduan/Penerangan	1 item
Kandungan/Sumber (40%)	Folder Fail, Topik, Bab, Unit, Modul dalam bentuk <i>doc</i> , <i>ppt</i> , <i>swf</i> , <i>SCORM</i> , <i>pdf</i> , video, audio, pautan ke media sosial dan Web 2.0	7 item dimuat naik
Aktiviti (35%)	Segerak	3 item dikendalikan
	Tidak Segerak	
Pentaksiran (20%)	Kuiz, tugasan, jurnal, <i>portfolio</i> , kajian kes, projek	2 item

Petunjuk Minima Mod Pembelajaran Teradun sebagai **menyokong** pembelajaran bersemuka

Kategori	Penerangan	Bilangan item untuk pengiraan % PT
Maklumat (5%)	Objektif Pembelajaran/Sinopsis/Silabus/Rancangan Belajar/Skim kerja/ Proforma/ Panduan/Penerangan	0.5 jam aktiviti penyarah (1 item x 0.5 jam = 0.5 jam)
Kandungan/Sumber (40%)	Folder Fail, Topik, Bab, Unit, Modul dalam bentuk <i>doc</i> , <i>ppt</i> , <i>swf</i> , <i>SCORM</i> , <i>pdf</i> , video, audio, pautan ke media sosial dan Web 2.0	6 jam aktiviti penyarah (6 item x 1 jam = 6 jam)
Aktiviti (35%)	Segerak	6 jam aktiviti penyarah (4 item x 1.5 jam = 6 jam)
	Tidak Segerak	
Pentaksiran (20%)	Kuiz, tugasan, jurnal, <i>portfolio</i> , kajian kes, projek	0.5 jam aktiviti penyarah (1 item x 0.5 jam = 0.5 jam)

Petunjuk Minima Mod Pembelajaran Teradun sebagai **menggantikan** pembelajaran bersemuka

Sumber: Bahagian Kecemerlangan Akademik KPM, 2020

# Updated Blended Learning: Support (Sokongan) vs Substitution (Gantian)

## PEMBELAJARAN TERADUN GANTIAN

Formula 40:40:20 adalah agihan kepada 30% hingga 60% daripada keseluruhan **Jam Pembelajaran Pelajar (SLT)** kepada **tiga(3) elemen PTG**.



Bahan PdP (40%)



Aktiviti PdP (40%)



Pentaksiran (20%)

Ketiga-tiga elemen ini mempunyai hubungan terus dengan hasil pembelajaran kursus yang berkaitan.

Formula PTS  
5:40:35:20



Formula PTG  
40:40:20

MEIPTA  
MELAKSANAKAN KETUA PERIKLANS PEMBELAJARAN MALAYSIA





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# Blended Learning Status @TES System



















# Individual Report



<http://my.utm.my>



Profile > TES



-  Profil
-  Sumber Manusia
-  **Akademik** v
-  **Profil Akademik** 
-  Penasihat Akademik NEW
-  E-Learning
-  E-Portfolio
-  E-Penilaian
-  GSMS
-  Basisiswa NEW
-  Kehadiran Kelas NEW
-  TES DCP NEW








**DR. MOHD NIHRA HARUZUAN BIN MOHAMAD SAID**

 : 8630  : SP

 : Profesor Madya (Ds54)  : 14-OCT-2013

 : 075537880  : nihra@utm.my

Students Graduated	
20	6
Total	PhD
12	2
Master	Undergraduate


 **Inbox**  Active  Graduated  Subject  Academic Advisor


Untuk ID Pengguna dan Katalaluan MyUTM Portal dan akses ke TES (REPORT), mohon berhubung **ADU@IT (aduit@utm.my)** di talian **32136** . Sekiranya mempunyai sebarang pertanyaan, mohon berhubung dengan pegawai di bawah :-


No	Modul	Nama	Email
1.	E-content	Dr. Nurbiha Binti A. Shukor	nurbiha@utm.my
2.	OBE	Ir. Dr. Istaz Fahrurrazi Bin Nusyirwan	istaz@utm.my
3.	Blended Learning @ eLearning	En. Mohamed Fairuz Bin Dahalan	ctl@utm.my fairuzdahalan@utm.my
4.	NALI&HIEPs	PM Dr. Mohd Nihra Haruzuan Bin Mohamad Said	utmlead@utm.my nihra@utm.my


\*Lain-lain masalah teknikal aduit@utm.my


**Services**


  
ACADEMIC CALENDAR

  
EVENT / ACTIVITIES


  
STAFF DIRECTORY


  
E-MAIL


  
UTM LIBRARY


  
ASK US

**Quick Links**


  
E-LEARNING

  
E-PPP

  
LPPT



LEARNING ENHANCEMENT CENTRE

  
OBE

Cont...



## DR. MOHD NIHRA HARUZUAN BIN MOHAMAD SAID

: 8630

: SP

: Profesor Madya (Ds54)

: 14-OCT-2013

: 075537880

: nihra@utm.my

Teaching Excellence Report

Blended Learning



LI & HIEPs

E-Content

Session Semester

### Blended Learning

No.	Course	Section	Faculty Code	Hits	Students	EL1	EL2	EL3	EL4	EL5	Level	Compliance	Date Process
1.	MPPP1223	01	11	2327	9	1	140	36	53	258.56	5	Comply	1/12/2020 3:20:08 AM
2.	MPPU1060	01	11	390	10	1	121	1	7	39	4	Comply	1/12/2020 3:20:08 AM
3.	SHPP1702	02	11	1426	31	1	26	6	11	46	5	Comply	1/12/2020 3:20:08 AM
4.	SPPP1702	02	11	2136	44	1	25	9	8	48.55	5	Comply	1/12/2020 3:20:08 AM

### Description

#### Blended Learning Level

**The practice of blended learning courses offered at UTM were evaluated and reported as follows:**

1. CL1 : Fulfils condition EL1 only
2. CL2 : Fulfils condition EL1 & EL2 / EL1 & EL3 / EL1 & EL4 / EL1 & EL5
3. CL3 : Fulfils condition EL1, EL2 / EL3 / EL4 and EL5 only;
4. CL4 : Fulfils condition EL1, EL2, (EL3 + EL4) > 5; (Comply)
5. CL5 : All 5 elements of blended learning fulfils; (Comply)



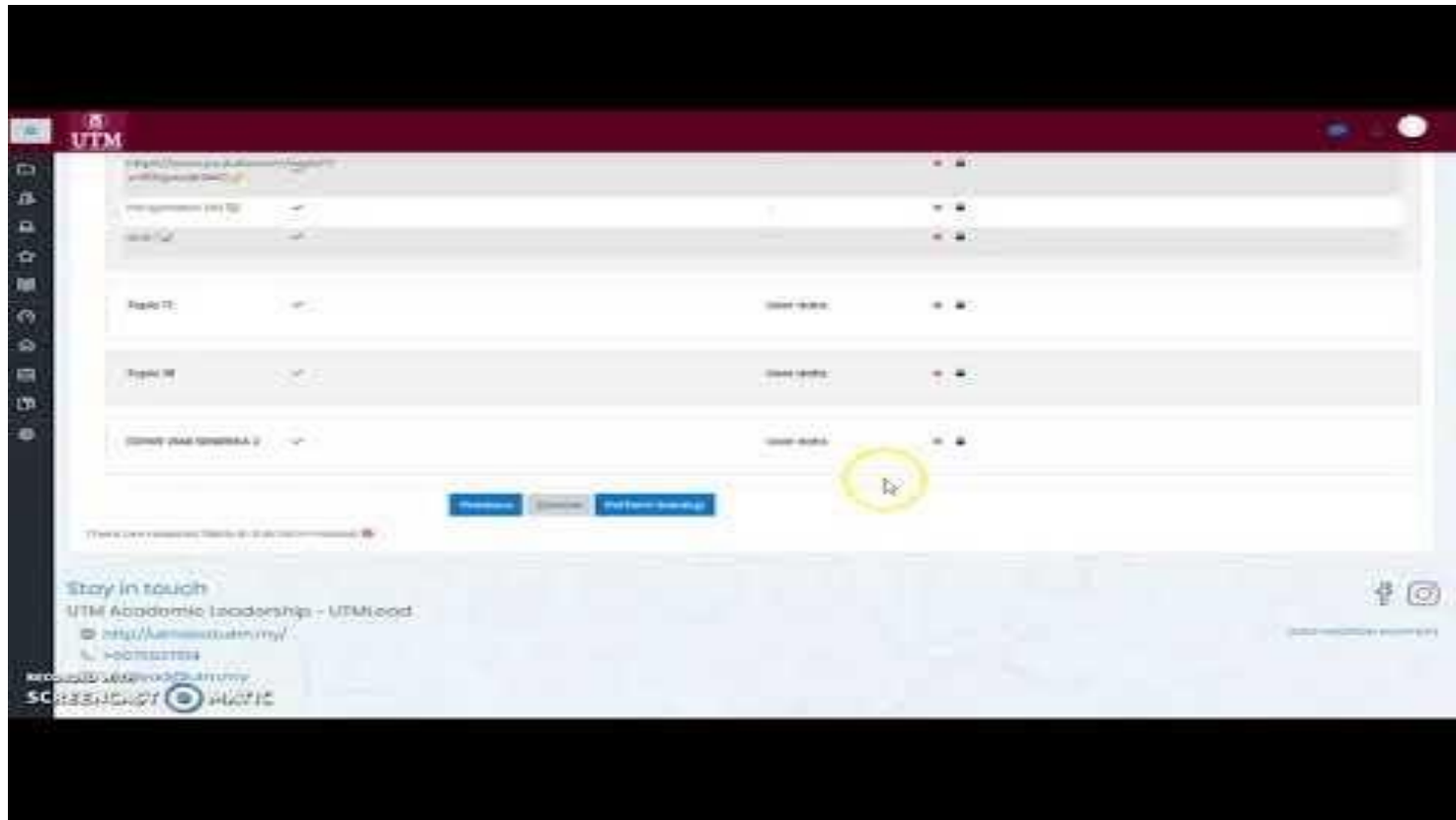
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# Backup & Restore

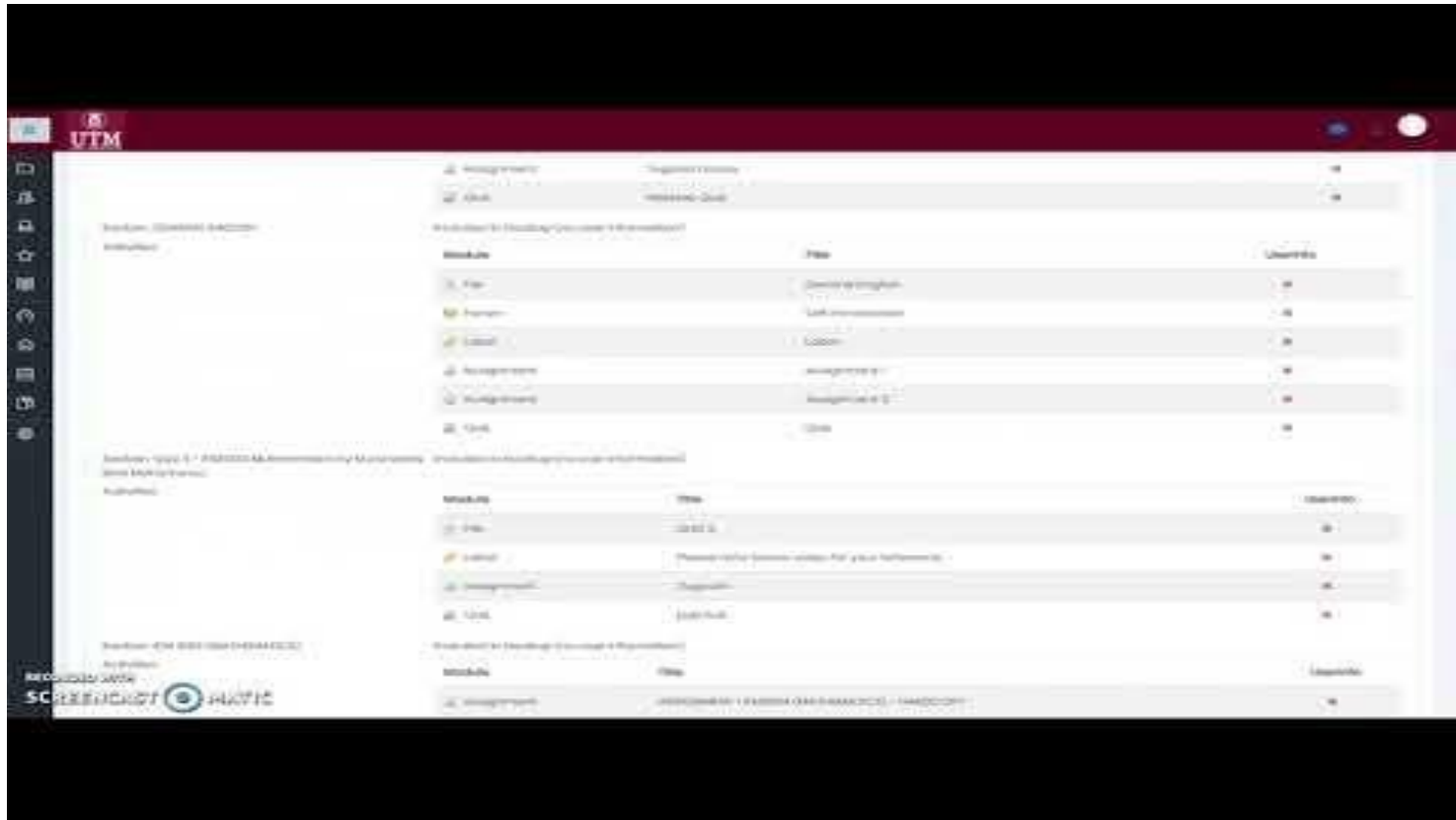


# Backup Course



[https://www.youtube.com/watch?v=EKK\\_qKyOmcA&feature=youtu.be](https://www.youtube.com/watch?v=EKK_qKyOmcA&feature=youtu.be)

# Restore Course



<https://youtu.be/GGhtCILhIhQ>

# e-Learning Previous Course Restoration

## STEP 1

Under Current Course  
Go to : Course Administration > Restore

## STEP 2

Click **Choose a File**

## STEP 3

Select  
**course-backup**



## STEP 4

Select **backup file, restore and Restore into this course**





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# Online Learning Week







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**100% ONLINE LEARNING WEEK**  
**5-10 APRIL**  
**2020**



**Please email or call UTM e-Learning IT Support if there are any queries.**

UTMLead e-Learning Support (<http://utmlead.utm.my/helpdesk/>)

Email [aduit@utm.my](mailto:aduit@utm.my) / [nihra@utm.my](mailto:nihra@utm.my) / [nurbiha@utm.my](mailto:nurbiha@utm.my)

Tel No 07-5537880 / 5537885

<http://utmlead.utm.my/utm-online-learning-week/>

**HAVING  
DIFFICULTIES  
TEACHING  
ONLINE?**



**WE HELP  
YOU WITH  
ONLINE  
LEARNING  
CLINIC**

**EVERY THURSDAY  
8.00AM - 3.30PM**

**UTMLead**

**Contact us:**

[radzuan@utm.my](mailto:radzuan@utm.my) / [nihra@utm.my](mailto:nihra@utm.my) / [nurbiha@utm.my](mailto:nurbiha@utm.my)

Tel No 07-5537915 / 5537880 / 5537885

**Thank you!**