

Global Classroom: A class with no boundaries

10 FEBRUARY 2021
2.30 – 3.30 PM
GOOGLE MEET



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EXCELLENT



5-STAR WORLD CLASS TECHNOLOGICAL UNIVERSITY

AGENDA

1. Definisi GC
2. Pencapaian GC di PSM
3. Jenis-jenis GC
4. Strategi pelaksanaan GC

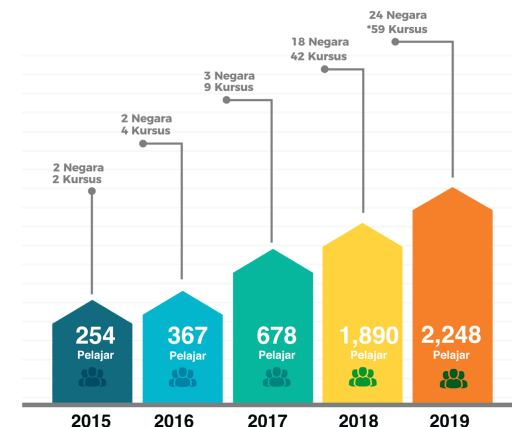
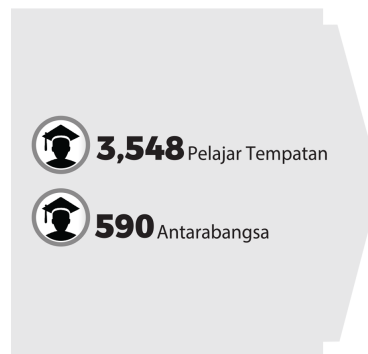
Definisi GC

Global Classroom is a contemporary teaching paradigm which is beyond classroom boundary (**regardless** of **geographical, time zone, languages and cultural barriers**)

What is Global Classroom?

as students **collaborate virtually** while being **mentored** by international partner not limited to learning Institution or industry through **technology integrated** Collaborative Online International Learning

Pencapaian GC



Data pelajar GC sehingga 2019

Pencapaian GC tahun 2019

Pencalonan GC (2020)



BORANG PERCALONAN KURSUS INISIATIF GLOBAL CLASSROOM UNIVERSITI MALAYSIA PAHANG (UMP)

FAKULTI	PUSAT SAINS MATEMATIK
NAMA (PENYELARAS e-PEMBELAJARAN)	NORHAFIZAH BINTI MD SARIF
NO TELEFON (HP)	912-2420973

BIL	KOD KURSUS	NAMA KURSUS	PENSYARAH YANG BERTANGGUNGJAWAB	KATEGORI GLOBAL CLASSROOM
1	BUM1223	Calculus	Dr. Aalyana Senawi	Standard GC
2	Bum 2433	Statistics for Management	Dr. Noratikah Abu	"
3	DUM1213	Fundamental Discrete Structure	PM. Dr. Mohd. Sham Mohamed	"
4	Bum2123	Applied Calculus	Dr. Najihah Mohamed	"
5	DUM2113	Technical Mathematics	Dr. Zulkhibri Iemai@ Mustofa	Basic GC
6	BUM2133	Ordinary Differential Equations	Miss Laila Amara Aziz	"
7	oum2413	Statistics & Probability	Dr. Chuan Zuo Liang	"

8. Bum1233 Discrete Mathematics & Applications
Mdin Intan Sabariah Sabri "

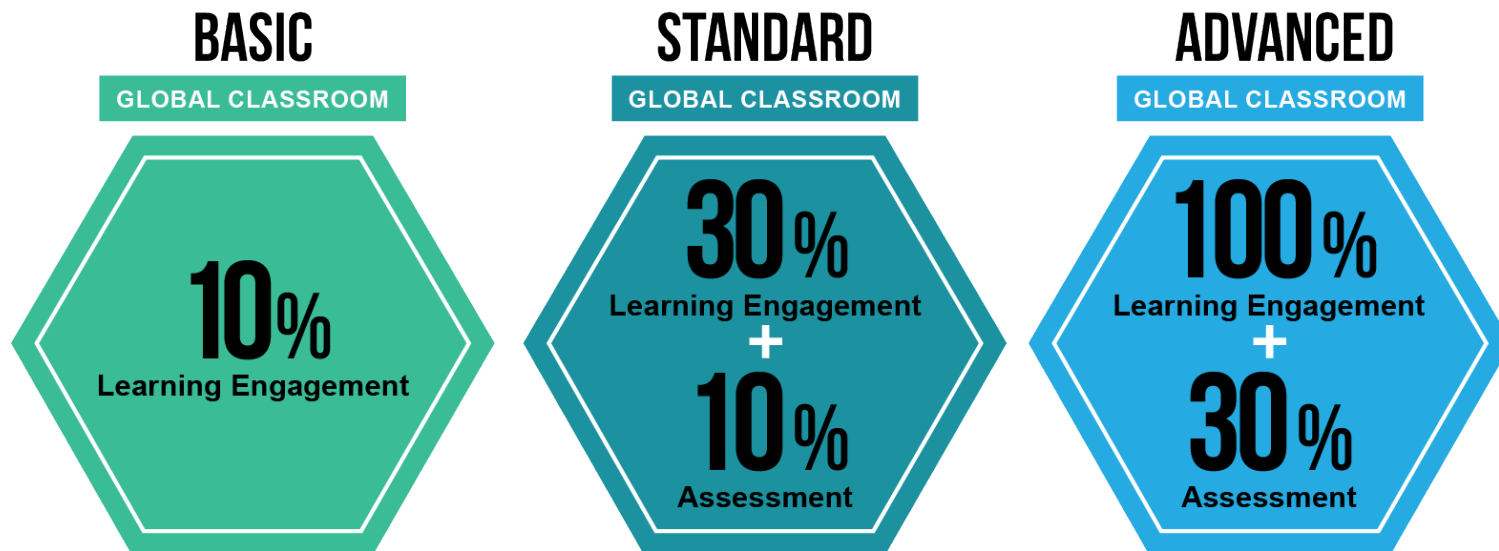
BIL	PENSYARAH DALAMAN	SUBJEK	CATATAN	TARIKH PERLAKSANAAN	MASA PERLAKSANAAN	UNIVERSITI KERJASAMA	PENSYARAH KERJASAMA	JUMLAH PELAJAR
1	DR. ZULKHIBRI BIN ISMAIL @ MUSTOFA	TECHNICAL MATHEMATICS	basic					
2	CIK LAILA AMERA BINTI AZIZ	ORDINARY DIFFERENTIAL EQUATIONS	basic					
3	DR. CHUAN ZUN LIANG	STATISTIC & PROBABILITY	basic					
4	PUAN INTAN SABARIAH BINTI SABRI	DISCRETE MATHEMATICS & APPLICATIONS	basic					
5	TS. DR. AZLYNA BINTI SENAWI	CALCULUS	STANDARD					
6	DR. NORATIKAH BINTI ABU	STATISTIC FOR MANAGEMENT	STANDARD					
7	PROFESOR MADYA DR. MOHD SHAM BIN MOHAMAD	FUNDAMENTAL DISCRETE STRUCTURE	STANDARD					
8	DR. NAJIHAH BINTI MOHAMED	APPLIED CALCULUS	STANDARD					
9	assoc prof dr roslinazaimah zakaria	introduction to data science		18/11/2020		bina nusantara university	dr syarifah diana permai	50

 yang telah berjaya melaksanakan tetapi dalam proses pengeluaran sijil
 maklumat yang diperlukan
 yang telah berjaya dan sijil telah dikeluarkan

Sasaran

Pencapaian sebenar

Jenis-jenis GC



Jenis-jenis GC – Basic GC

Borang sebelum

GLOBAL CLASSROOM INITIATIVES

Form A: Before The Session

- Form must be submitted at least 3 day before conducting the session by e-mail

**Form A:
Before The Session**

Instructor Name (s)

Faculty

Course Name & Code

Collaborator Detailed

Name:
Position:
University/Company

Collaboration Detailed

Date :
Time :
Venue (Physical):
Venue (Online):

Requirement Needed (From PSPe)

Longtech Camera

ID ZOOM

Technical Support

Other: _____

Requesting for Reheasel

Yes No

Date:
Time:

Connecting You To Future of Learning

Borang selepas

GLOBAL CLASSROOM INITIATIVES

- This form must be submitted to PSPe one week after the session ends
- Person In Charge (PIC) must submit this form in hardcopy or email to UMP Global Classroom Coordinator
- For further inquiry, please refer to UMP Global Classroom Coordinator, Dr Muhammad Azrin bin Ahmad (azrin@ump.edu.my)

**Form B:
After Conducting Session**

Section A

Faculty

Instructor Name (s) and email

Collaborator Detailed

Name:
Position:
University/Company

Types of Global Classroom

<p>Basic GC</p> <ul style="list-style-type: none"> 10% collaborative learning (equal to 12hrs SLT for 3 credits course) Assessment is OPTIONAL 	<p>Standard GC</p> <ul style="list-style-type: none"> 30% collaborative learning (equal to 36hrs SLT for 3 credits course) Assessment should be 10% (minimum) 	<p>Advanced GC</p> <ul style="list-style-type: none"> 100% team teaching Assessment should 30% and above
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Connecting You To Future of Learning

GLOBAL CLASSROOM INITIATIVES

- This form must be submitted to PSPe one week after the session ends
- Person In Charge (PIC) must submit this form in hardcopy or email to UMP Global Classroom Coordinator
- For further inquiry, please refer to UMP Global Classroom Coordinator, Dr Muhammad Azrin bin Ahmad (azrin@ump.edu.my)

**Form B:
After Conducting Session**

Section B

Course Name & Code

Shared Moduled Name (can be more than one)

Collaborative Learning Topics

Course Outcome(s)
*please specify any special requirement in term of partner, course level, language and etc

Suggestion for Improvement

Connecting You To Future of Learning

Jenis-jenis GC – Standard GC

Borang sebelum

GLOBAL CLASSROOM INITIATIVES

Form A: Before The Session

• Form must be submitted at least 3 day before conducting the session by e-mail

Instructor Name (s)

Faculty

Course Name & Code

Collaborator Detailed

Name:

Position:

University/Company:

Collaboration Detailed

Date:

Time:

Venue (Physical):

Venue (Online):

Requirement Needed (From PSPe)

Longtech Camera

ID ZOOM

Technical Support

Other:

Requesting for Reheasel

Yes No

Date:

Time:

Connecting You To Future of Learning

Borang selepas

GLOBAL CLASSROOM INITIATIVES

Instruction:

- Instructor please provide details about your plan for the session including ICT tools (i.e. Google Meet, Padlet, Kahoot! etc) and time taken to complete each task.
- All proofs (hardcopy and softcopy) and teaching plan need to attach together.

LESSON PLAN (Please use other paper for additional attachment)

1. Learning Materials

2. Learning Activities

3. Assessment

Connecting You To Future of Learning

Rakan kerjasama berpotensi

Pn Norul Fadilah Abdullah
Centre for International Relation, UMP
fadilah@ump.edu.my /
cir@ump.edu.my

Proses menghubungi university luar

1. Semak rakan kerjasama berpotensi UMP dengan universiti luar negara yang telah memetriai MoU
2. Hubungi CIR untuk memulakan proses Kerjasama
3. CIR akan menghubungi universiti luar dan memberikan maklum balas seperti pensyarah universiti tersebut
4. Perbincangan berkaitan program GC

Menghubungi rakan kerjasama yang berpotensi

Invitation as Guest Lecturer for Math course in Universiti Malaysia Pahang



MUHAMMAD AZRIN BIN AHMAD . <azrin@ump.edu.my>
to Emanuele.Dotto ▾

1:34 PM (3 hours ago) ☆ ↶ ⋮

السلام عليكم ورحمة الله وبركاته

Dear Dr Emanuele Dotto,

My name is Azrin, a mathematics lecturer at Centre for Mathematical Sciences, UMP. I teach Mathematics for Computer Graphics at Universiti Malaysia Pahang, Malaysia. I hope you are doing great! I found your information on the University of Warwick website.

For your information, Centre of Instructional Resources & e-Learning (CIReL) UMP promotes global classroom cultures in teaching & learning activities which will be beneficial to UMP students to gain experience receiving knowledge from experts across the globe.

This initiative was implemented from early 2018. Your willingness to take part as guest lecturer March 2021 onwards will help my students to have better insight to the course.

I appreciate it if you agree to this offer.

Global classroom comprises the following elements: learning material, learning activities and assessment.

You will be involved in preparing learning materials that consist of online lectures through Google Meet, ZOOM or Microsoft Teams **OR** watching recorded video from the lecturer. Other than that, we will be discussing assessment to be given to the students in the future. We will try to minimise your time as much as possible so that you don't feel burden in preparing the materials.

Throughout your participation, we will be providing thank you letter and certificate to acknowledge your involvement as Guest Lecturer.

I'm looking forward to your reply. We will have further discussion to detail your contribution in this initiative. I attach the subject information for your reference.

Terima Kasih.

Perkenalkan diri

Penerangan skop kerja

Faedah jika terlibat dengan GC

Perancangan GC

Standard Global Classroom 2019

BSK1133 Physical Chemistry

Course Coordinator: Ts. Dr. Yuen Mei Lian

Invited Lecturer: Assoc. Prof. Dr. Kong Ing (La Trobe University, Australia)

Starting Week: 23/9/2019

Week	Aktiviti	Jangka Masa	Bahan	Aktiviti	Pentaksiran
1 23/9/2019 – 27/9/2019	Kelas atas Talian	1 jam	1 jam		
	Tutorials (SCL)	2 jam	4 jam		
2 30/9/2019 – 4/10/2019	Video	30 min	2 jam		
	Tutorials (SCL)	30 min	1 jam		
	Aktiviti Berkumpulan	4 jam		4 jam	
	Ujian (4%)	4 jam			4 jam
3 7/10/2019 – 11/10/2019	Video	15 min	1 jam		
	Tutorials (SCL)	30 min	1 jam		
	Aktiviti Berkumpulan	4 jam		4 jam	
	Ujian (4%)	4 jam			4 jam
4 14/10/2019 – 18/10/2019	Video	15 min	1 jam		
	Tutorials (SCL)	30 min	1 jam		
	Aktiviti Berkumpulan	4 jam		4 jam	
	Ujian (4%)	4 jam			4 jam
Total			12 jam	12 jam	12 jam

Perancangan teliti GC bagi membolehkan ianya dijalankan mengikut jadual dan penuh tertib

Faedah rakan kerjasama



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Malaysia
PAHANG
Engineering • Technology • Creativity

Universiti Malaysia Pahang
2800 Pekan
Pahang Darul Makmur
Tel: +909-424 5470; Faks/Fax: +909-424 5477

Pusat Sumber Pengajaran & e-Pembelajaran
Centre of Instructional Resources & e-Learning (CIReL)

Our References : UMP 04.03/22.00 ()
Date : 15th October 2020

Dr. SHIKANG LIANG
Department of Biochemistry
University of Cambridge
Sanger Building, 80 Tennis Ct Rd
Cambridge CB2 1GA
United Kingdom

Dear Dr,

APPRECIATION LETTER FOR THE GLOBAL CLASSROOM INITIATIVE COLLABORATION

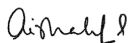
Centre of Instructional Resources & e-Learning (CIReL) through the Faculty of Industrial Sciences and Technology, Universiti Malaysia Pahang (UMP), would like to express our gratitude towards your sincere effort and commitment in successfully collaborating in the Global Classroom Initiative 2020.

2. We truly appreciate you taking the time to share your knowledge with UMP and expertise on **Industrial Microbiology**. We believed that the knowledge you have shared immensely useful to our students especially in giving them new dimension in the said area.

Lastly we look forward to further collaborate with you in future. Enclosed is certificate of appreciation from Center of Instructional Resources & e-Learning (CIReL).

Thank you.

Yours sincerely,



ASSOCIATE PROFESSOR Ts Dr AISHAH BINTI ABU BAKAR
Director
Center of Instructional Resources & e-Learning (CIReL)
Universiti Malaysia Pahang



CERTIFICATE OF APPRECIATION

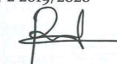
Universiti Malaysia Pahang in collaboration with Centre of Instructional Resources & e-Learning (CIReL) wishes to express our deepest appreciation to

DR. LEE CHIN MEI
Faculty of Industrial Sciences and Technology
and
Dr. SHIKANG LIANG
University of Cambridge

for sharing your ideas, experiences and knowledge in the Basic Global Classroom Initiatives for following course

INDUSTRIAL MICROBIOLOGY

On 13th July 2020, Semester 2 2019/2020



PROFESSOR Ts. Dr. MOHD ROSLI BIN HAININ
Deputy Vice-Chancellor (Academic and International)
Universiti Malaysia Pahang



Pembelajaran Teradun Gantian

DEFINISI OPERASI : Pembelajaran Teradun Gantian (PTG)

PTG ialah untuk mengupayakan pembelajaran dalam talian berstruktur dalam julat 30-80% daripada Jam Pembelajaran Pelajar (Student Learning Time - SLT)



*Sumber
Buku Garis Panduan Pelaksanaan
Pembelajaran Teradun Gantian
(Pembelajaran Dalam Talian)
Muka surat 22

FORMULA 40 : 40 : 20

Formula di atas adalah agihan kepada 30% hingga 80% daripada keseluruhan **Jam Pembelajaran Pelajar (SLT)** kepada **tiga(3) elemen PTG**.



**Bahan
Pembelajaran**



Aktiviti PdP



Pentaksiran

Wajaran yang dinyatakan (40%, 40%,20%) bagi tiga (3) elemen PTG **boleh diubahsuai dengan peratusan yang bersesuaian** bagi keperluan IPT masing-masing dan ianya perlu disertakan dengan justifikasi yang jelas dan boleh diukur.

Pembelajaran Teradun Gantian

PTG Kursus : 30% - 80%
FORMULA 40 : 40 : 20

40% **LM**

Learning Material

40% **LS**

Learning Activity

20% **LA**

Learning Assessment

Simulasi PTG

Contoh 1 :

3 jam kredit = 120 jam
Online – 30% (36 jam)
40 : 40 : 20

LM - 14 jam

LS - 14 jam

LA - 8 jam

Contoh 2 :

3 jam kredit = 120 jam
Online – 50% (60 jam)
40 : 40 : 20

LM - 24 jam

LS - 24 jam

LA - 12 jam

Contoh 3 :

3 jam kredit = 120 jam
Online – 80% (96 jam)
40 : 40 : 20

LM - 38 jam

LS - 38 jam

LA - 20 jam

Contoh Struktur Pembelajaran

Contoh 1	w1	w2	w3	w4	w5	w6	w7
	w8	w9	w10	w11	w12	w13	w14

Contoh 2	w1	w2	w3	w4	w5	w6	w7
	w8	w9	w10	w11	w12	w13	w14

Contoh 3	w1	w2	w3	w4	w5	w6	w7
	w8	w9	w10	w11	w12	w13	w14

Petunjuk :

Fizikal

Online

Week (w)

Semester 1 2020/2021

100%



Cadangan Pelaksanaan PTG UMP

1.

UMP PTG
Menggunakan
MODEL PTG 30%

2.

Menjalankan
PTG
Secara berfasa

3.

KPI bagi Pembelajaran
Teradun UMP dilaksanakan
pada sasaran **75%**
(dalam bentuk PTG)

FASA 1

Dilaksanakan melalui :
menggabungkan SLT dan
PTG dalam rancangan
pengajaran (*Teaching Plan*)

FASA 2

Semester I 2021/2022
melaksanakan PTG dengan
pelaporan melalui KALAM

Contoh Rancangan Pengajaran yang menggabungkan SLT dan PTG (Pembelajaran Dalam Talian) – Perincian SLT

Week	Chapter	Student Learning Time (Conventional)					Student Learning Time (Online Learning)				
		Lecture	Tutorial	Lab	Self-Learning		Assessment	Ttl. Material	Ttl. Activities	Assessment	
					Guided	Non-Guided					
1	Introduction to Problem Solving				2	2					
2	Introduction to Programming	2		2	2	1					
3	Identifier, Variable Assignment					1		4	2	8	
4	Input & Output Statements					1		2	2		
5	Operator & Expression					2		3	2		
6	Control Statements Test 1	2			2	3	2				
7	Control Statements	2		2	2	1					
8	Arrays					1		3	4		
9	Arrays Mini Project					2	6	2	4		
10	Modular Programming	2		2	2	1					
11	Modular Programming	2		2	2	1					
12	Pointer	2		2	2	1					
13	File Processing Test 2	2			2	3	2				
14	Mini Project Presentation					1	1				
15	Final Exam						9	3			
Total		14	0	10	16	30	14	14	14	8	
		SLT for Conventional Learning					84	SLT for Online Learning			36
		Overall SLT					120				

*Sumber
Buku Garis Panduan Pelaksanaan
Pembelajaran Teradun Gantian
(Pembelajaran Dalam Talian)
Muka surat 33

- [Pelan Pembangunan Pendidikan Malaysia 2015-2025 \(Pendidikan Tinggi\)](#)
- [Buku DePAN 2.0](#)
- [Buku Garis Panduan Pelaksanaan Pembelajaran Teradun Gantian \(Pembelajaran Dalam Talian\)](#)
- [Borang GC](#)

Terima Kasih