Manual Penggunaan Sistem OBE

1. Layari Sistem OBE di pautan berikut:

# https://obe.utm.my/obe.php

2. Login sistem menggunakan Username dan Password ACID.



3. Pilih [course-section-session-semester-faculty] yang berkaitan dan klik "Next".

Sand Sand		iOBE			Masukan Bagi Pentadbir	Logout
	Perdana/Full-Time Students	SPACE/Part-Time Stu	dents/Others			
	Courses in AI for other courses, such as for UT Select course/section/session/server : Serving Faculty (for SPACE courses, please : as the faculty)	MS for Full- MSPACE, please select COUF ester/faculty Select Code select SPACE FKE - ELECT served. Can be Next	Fime (Pe rsses NOT IN AIMS Section-Session- IRICAL ENGINEE e different than you	Semester-Faculty	ents v *the faculty that you	
	Historical Data found 9 CA Your past CARs are listed he	Rs re	Session/Seme	ster Course/Section Facul	ty [Last Access Time] 🗸	User
	UTMGENERAL combines all faculi If your course is not listed, pleas Empty Course means your usern	ies in the particular section. e email the course details (c ame is not linked to your sta	ode,session,seme aff number. Please	ster,section) to obe@utm.my email obe@utm.my for correc	tion.	Manual

4. Klik "Import POs and COs from Other Section (Do this with caution)".

	UTRALE	iOBE							
Alw	Do not s ays press SAV	skip these STEPs E button at ever	s. Start y STEP	from befo	Step 2 • 3 re proceed	3 🔹 4 🔹 ing to	5 • 6 • 7 • 3 the next STE	8 🔹 9 P. <i>St</i>	) ♦ 10 tep 1 is optional
Ste	p 1 💿 Step 2 🕻	🕨 Step 3 🔹 Step	4 💿 St	tep 5	Step 6	Step	o 7 💿 Step 8	St	ep 9 💿 Step 10
End of Course Survey	Reflection of Past PLOs and CLO	Import POs and CO from Other Section (Do this with caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Password	Print	DELETE EVERYTHING!
Short Demos	, ,		,						
A simple demo How to downloa	video how to use th ad to EXCEL and up	ne OBE [Youtube] load in bulk [Youtube]	l						
1. Click "Tei 2. Click "Co 3. Click " Cl 4. Click "CL 5. Then click 6. Click "St	analysis :- aching Plan" to prep urse Learning Outlin O and PLO to Asses O to Assessment Mi k "Add Students". T dents Marks" to en	pare the teaching plar ne" and enter your co ssment Mapping" to c apping" to see the ma The system will downly ther the marks of the	n. urse lean onfigure a opping set oad the lis	ning ou and set t in Ste st from	itcome (CLO) a t the assessme p 3. a AIMS.	and PLO ent items	Mapping. s with its correspondence	onding	"PO" and "CLO".

- mark
- Click "PLO Analysis" to do the analysis and enter the CQI \*THE CQI IS COMPULSORY\*.
   Click "CLO Analysis" to do the CLO analysis and enter the CQI \*THE CQI IS COMPULSORY\*.
   Click "Students Results" to see their results.

- 10. Course Assessment Report use the online version to prepare your CRR \*THE REFLECTION IS COMPULSORY\*.
- 11. Import to import existing PO, CLO from past semesters.
  - 5. Klik "mrashidi : 20192020 / 2 : SKEE2523 / 2 / SEE" pada senarai course untuk impot PLOs dan CLOs terkini seperti yang telah dikemaskini oleh penyelaras matapelajaran.

Do not skip these STEPs. Start from Step 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10         Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optional         Step 1 • Step 2 • Step 3 • Step 4 • Step 5 • Step 6 • Step 7 • Step 8 • Step 9 • Step 10         End of Course Survey       Reflection of Past PLOS and CLOS (Do this with caution)         HISTORY       HELP       GO TO OTHER COURSE       Manual       Change Password       Print       Delete EVERYTHINGH											
Step 1       Step 2       Step 3       Step 4       Step 5       Step 6       Step 7       Step 8       Step 9       Step 10         End of Course Survey       Reflection of Past PLOS and CLOS       Import POS and COS from Other Section (Do this with caution)       HISTORY       HELP       GO TO OTHER COURSE       Manual       Change Password       Print       DELETE EVERYTHING!!	Always	Do not s s press SAVE	kip these STEP button at eve	s. Start ry STEP	from befo	Step 2 🔹 3 re proceedi	3 🔹 4 🔹 ing to	5 • 6 • 7 • the next ST	8 • 9 EP. <i>S</i>	) • 10 tep 1 is	optional
End of Course Survey Reflection of Past PLOs and CLOs from Other Section (Do this with caution) HISTORY HELP GO TO OTHER COURSE Manual Change Password Print DELETE EVERYTHING!	Step 1	Step 2	Step 3 💿 Step	0 4 🍨 Si	tep 5	Step 6	Step	7 🔹 Step	8 🔹 St	tep 9 🔹	Step 10
End of Course Survey Reflection of Past PLOS and COS from Other Section (bo this with caution) HISTORY HELP GO TO OTHER COURSE Manual Change Password Print DELETE EVERYTHING!											
	End of Course Survey Pa	eflection of ast PLOs and CLOs	Import POs and COs from Other Section (Do this with caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Passwor	d Print	DELETE E	VERYTHING!!

Imports Assessment, PIO and CLO from other session/semester. All existing data will be deleted.

Click ONE of the following information to be imported from:-

Caution/Warning : Once clicked, all students data will be deleted.

Find Find course code :

#### Found 69 course/section ...

<u>Template NOT OK</u> means the CLO-PLO used in the CAR preparation is not the official version. The academic office has to update the CLO-PLO mapping in the OBE System. Please contact obe@utm.my to update the mapping.

<ol> <li>[Template OK] <u>asmawati : 20152016 / 2 : SKEE2523 / 9 / FKE</u></li> </ol>
<ol> <li>[Template OK] <u>asrul : 20182019 / 2 : SKEE2523 / 8 / SEE</u></li> </ol>
<ol> <li>[Template OK] <u>asrul : 20182019 / 2 : SKEE2523 / 9 / SEE</u></li> </ol>
<ol> <li>[Template OK] <u>faridzubir : 20172018 / 2 : SKEE2523 / 7 / FKE</u></li> </ol>
5. [Template OK] hanif : 20152016 / 2 : SKEE2523 / 6 / FKE
<ol> <li>[Template OK] <u>hanif: 20172018 / 2 : SKEE2523 / 9 / FKE</u></li> </ol>
7. [Template OK] hanif : 20182019 / 2 : SKEE2523 / 10 / SEE
8. [Template OK] hisham : 20172018 / 2 : SKEE2523 / 3 / FKE
9. [Template OK] jafri : 20172018 / 2 : SKEE2523 / 11 / FKE
10. [Template OK] mariff : 20172018 / 2 : SKEE2523 / 8 / FKE
11. [Template OK] mdkamal : 20152016 / 2 : SKEE2523 / 3 / FKE
12. [Template OK] mrashidi : 20172018 / 2 : SKEE2523 / 4 / FKE
13. [Template OK] mrashidi : 20182019 / 1 : SKEE2523 / 1 / UTM SPACE
14. [Template OK] mrashidi : 20182019 / 2 : SKEE2523 / 1 / UTM SPACE
15. [Template OK] mrashidi : 20182019 / 2 : SKEE2523 / 4 / SEE
16. [Template OK] mrashidi : 20192020 / 1 : SKEE2523 / 1 / SEE
17. [Template OK] mrashidi : 20192020 / 1 : SKEE2523 / 2 / SEE
18. [Template OK] mrashidi : 20192020 / 2 : SKEE2523 / 1 / FKE
19. [Template OK] mrashidi : 20192020 / 2 : SKEE2523 / 2 / SEE
20. [Template OK] nhafizah : 20152016 / 2 : SKEE2523 / 10 / FKE

6. Selepas mendapat paparan "Import Completed", klik "Step 5. Import Student from AIMS".

	Do not skip these STEPs. Start from Step 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optio Step 1 • Step 2 • Step 3 • Step 4 • Step 5 • (6) p 6 • Step 7 • Step 8 • Step 9 • Step Step 5 - Get Student Data from AIMS												
		End of Course Survey	Reflection of Past PLOs and CLOs	Import POs and COs from Other Section (Do this with caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Password	Print	DELETE EVERYTHING!!		
Course Code Session Semester Username Section	SKEE2523 20192020 2 mrashidi 2												
Impor	t Completed												

7. Ikut langkah "Students' Marks Entry" seperti yang dipaparkan untuk masukkan markah pelajar ke dalam Sistem OBE.

Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optional Step 1  Step 2  Step 3  Step 4  Step 5  Step 6  Step 7  Step 7  Step 9  Step 9  Step 10													
	Step 7 - PLO Analysis and update the CQI												
End of Reflect Course Survey Past P	tion of LOs and CLOs (Do th	t POs and COs Other Section HISTO is with caution)	RY HELP GO	TO OTHER RSE Ma	inual Change	Password P	rint DELETE	EVERYTHING!!	Logout				
nport from AIMS													
Students' Marks En BULK ADDITION OF MARKSOR AD Data in CSV is comma delimite Steps to Add Marks 1. Click "Download to EXCE 2. Open the spreads of eth fi 3. Enter the marads of eth fi 3. Enter the contents of GR 5. Go to Step 6 and click "E 6. Paste the content into the	D STUDENTS DOV d. Use commas to s i.l." to download the e in EXCEL or other tudents. EY cells in the spre sulk Addition of Mai e yellow textbox au	INLOAD TO EXCEL separate the cells. T spreadsheet file. r spreadsheet applic adsheet. rks". nd press Save.	DOWNLOAD AS T ne commas will ntions.	DELETI	E ALL STUDENT	5 em.		formation -					
Step 2 and Step 3 are disabled	for editing when S	tep 6 is not empty.	ou need to de	ete ALL stude	ents in order	to modify S	tep 2 and S	tep 3.					
New students can be added in	the EXCEL form acc	cording to the given	format.										
You may edit marks in the box	es below. Values ar	e automatically stor	ed. Total is not	automatic. P	ress Step 6 t	o refresh.							
Delete selection													
Check No Student Name Stuc to Matr Delete All	ent ASSIGNMENT (Fullmark:15) (Contribute to 15/100) CLO3 PLO6	QUIZ CL01 QUIZ CL0 (Fullmark:5) (Fullmark (Contribute (Contribute to 2.5/100) to 2.5/10 CL01 PL03 CL02 PL0	2 TEST 1 (Fullmark:30) te (Contribute 0) to 15/100) 3 CLO1 PLO3	TEST 2 (Fullmark:30) (Contribute to 15/100) CLO1 PLO3	FEQ1 (Fullmark:25) (Contribute to 12.5/100) CLO1 PLO3	FEQ2(A) (Fullmark:5) (Contribute to 2.5/100) CLO3 PLO6	FEQ2(B),(C) (Fullmark:20) (Contribute to 10/100) CLO1 PLO3	FEQ3 (Fullmark:25) (Contribute to 12.5/100) CLO2 PLO3	FEQ4 (Fullmark:25) (Contribute to 12.5/100) CLO2 PLO3	Total /100			

# 8. Klik "Step 7 – PLO Analysis and update the CQI".

Do not skip these STEPs. Start from Step 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optional												
Step	o 1 🔹 Step 2 🔹	Step 3 🍨 Step	4 🔹 St	ep 5	Step 6	<ul> <li>Step</li> </ul>	o 7 🔹 Step 8	• St	tep 9 🔹 Step 10			
		Step 7	- Plo A	naly	sis and up	date t	he CQI <mark>(8)</mark>					
End of Course Survey	Reflection of Past PLOs and CLOs	Import POs and COs from Other Section (Do this with caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Password	Print	DELETE EVERYTHING!!			
Students' Mar	ks Entry											

9. Isi ruangan "Remarks for Continuous Quality Improvement – CQI" untuk PO3 dan PO6.

				Do not skip these STEPs. Start from S Always press SAVE button at every STEP before	Step 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 proceeding to the next STEP. Step 1 is optiona
				Step 1 • Step 2 • Step 3 • Step 4 • Step 5 •	Step 6 • Step 7 • Step 8 • Step 9 • Step 1
				End of Course Survey Past PLOs and CLOs Import POs and COs from Other Section (Do this with caution) HISTORY HELP C	O TO OTHER Manual Change Password Print DELETE EVERYTHING
)eta	aile	d PLO	Analy	sis for Each Student and Each Assessment It	em
ne su leas	ımmar e com	ry and CQ	I reflection	n boxes are at the bottom of this page. The analysis can take a while. Pleas the bottom of this page and SAVE before moving to Step 8.	se be patient.
Ref	lection	and CQI	Deta	iled PO Analysis Summary of PLOs	
$\int$					
P P	PLO R	<b>Reflecti</b> give your	on and C	QI on every addressed PLO	
	Save	•			
	POs	Average (%)	% of students over 65%	Remarks for Continuous Quality Improvement - CQI	Plot
	PO1	0	0.00		PO Achievement : Percent of Stude
	PO2	0	0.00		100
					80
	PO3	0	0.00		u 50

10. Klik "Detailed PO Analysis" dan cetak laman ini sebagai fail PDF menggunakan arahan "Print" bagi sebarang browser (i.e. Chrome, Mozilla, etc.) yang digunakan.

Alwa	Do not s ays press SAVE	kip these STEPs button at ever	s. Start γ STEP	from befo	Step 2 • 3 re proceed	3 🔹 4 🔹 ing to	5 • 6 • 7 • the next STE	8 🔹 9 P. <i>St</i>	)
Step	1 • Step 2 •	Step 3 🔹 Step	4 🍨 St	ep 5	Step 6	Step	7 • Step 8	♦ St	tep 9 🔹 Step 1
End of Course Survey	Reflection of Past PLOs and CLOs	Import POs and COs from Other Section (Do this with caution)	HISTORY	HELP	go to other Course	Manual	Change Password	Print	DELETE EVERYTHING!

## Detailed PLO Analysis for Each Student and Each Assessment Item

The summary and CQI reflection boxes are at the bottom of this page. The analysis can take a while. Please be patient.

Please complete ALL CQI at the bottom of this page and SAVE before moving to Step 8.



- 11. Klik "Step 8 CLO Analysis and update the CQI" dan isi ruangan CQI Please write your reflection and proposed improvement and press SAVE.
- 12. Cetak laman ini sebagai fail PDF menggunakan arahan "Print" bagi sebarang browser (i.e. Chrome, Mozilla, etc.) yang digunakan.

	Do not skip these STEPs. Start from Step 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 Always press SAVE button at every STEP before proceeding to the next STEP. Step 1 is optiona Step 1 • Step 2 • Step 3 • Step 4 • Step 5 • Step 6 • Step 7 • Step 8 • Step 9 • Step 10												
						Step 8	- CLO /	Analy	sis and up	date t	he CQI <mark>(11</mark>		
			End of Course Survey	Reflection of Past PLOs and CLOs	Import PC from Othe (Do this w	Os and COs er Section vith caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Password	Print	DELETE EVERYTHING!
СГ	.0 Analysis												
No.	Student	NoMatric	Identify and an materials) to th magnetostatic f	entify and analyse appropriate laws or theorem (applicable in free space and/or in various aterials) to the solution of complex engineering problems related to electrostatic and anetostatic fields due to stationary charges and current distributions respectively.							laxwell's equations to time varying, and to varying fields that y	o explai o solve eld acc	in the transformation of I appropriate engineering urate results.
1	ABDELMEGUID MAHMOUD ABDELSAMIE MAHMOUD SHEHAB	A17KE0336				0				0			
2	ARUNABH DAS	A17KE5135				0							0
3	AINA NABILAH BINTI ABAS	A18KE0015				0							0
4	AZIRA BINTI AHMAD	A18KE0030				0							0
5	CHUAH SHI YI	A18KE0046		0									0
6	FOO JIA QIAN	A18KE0057		0									0
7	JASON WONG YE XUAN	A18KE0077				0							0
8	KHOO CHIU XUAN	A18KE0087		0						0			
9	LAW JING YI	A18KE0092				0							0
10	LEE MIN JIA	A18KE0095				0							0

- 13. Klik "Step 9 Results and Grades" untuk melihat analisa keputusan keseluruhan pelajar.
- 14. Cetak laman "Results of Students" ini sebagai fail PDF menggunakan arahan "Print" bagi sebarang browser (i.e. Chrome, Mozilla, etc.) yang digunakan.

Alw	Do not s ays press SAVI o 1 • <mark>Step 2</mark> •	kip these STEP: button at ever Step 3 • Step	s. Start y STEP 4 • St Step 9 •	from befo ep 5 - Res	Step 2 • 3 re proceedi • Step 6 sults and G	3 4 ing to Step	5 • 6 • 7 • 8 the next STE 7 • Step 8	8 • 9 P. <i>St</i> • <b>St</b>	● 10 ep 1 is optional ep 9 ● Step 10
End of Course Survey	Reflection of Past PLOs and CLOs	Import POs and COs from Other Section (Do this with caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Password	Print	DELETE EVERYTHING!!

### **Course Learning Outcome**

- Identify and analyse appropriate laws or theorem (applicable in free space and/or in various materials) to the solution of complex engineering problems related to ele stationary charges and current distributions respectively.
   Apply Maxwell's equations to explain the transformation of fields from static to time varying, and to solve appropriate engineering problems in time varying fields tha 3. Explain effectively in writing on engineering practice issues by utilizing the electromagnetic field theory.

### **Results of Students**

Count = 30												
N	o. Student Name	Student Matric No	ASSIGNMENT (Fullmark:15) CLO3 PLO6	QUIZ CLO1 (Fullmark:2.5) CLO1 PLO3	QUIZ CLO2 (Fullmark:2.5) CLO2 PLO3	TEST 1 (Fullmark:15) CLO1 PLO3	TEST 2 (Fullmark:15) CLO1 PLO3	FEQ1 (Fullmark:12.5) CLO1 PLO3	FEQ2(A) (Fullmark:2.5) CLO1 PLO6	FEQ2(B),(C) (Fullmark:10) CLO1 PLO3		
1	ABDELMEGUID MAHMOUD ABDELSAMIE MAHMOUD SHEHAB	A17KE0336	0	0	0	0	0	0	0	0		
2	AINA NABILAH BINTI ABAS	A18KE0015	0	0	0	0	0	0	0	0		
3	ARUNABH DAS	A17KE5135	0	0	0	0	0	0	0	0		
4	AZIRA BINTI AHMAD	A18KE0030	0	0	0	0	0	0	0	0		
5	CHEE YU WANG	A18KE5117	0	0	0	0	0	0	0	0		
6	CHUAH SHI YI	A18KE0046	0	0	0	0	0	0	0	0		
7	FOO JIA QIAN	A18KE0057	0	0	0	0	0	0	0	0		

15. Klik "Step 10 – Prepare the Course Assessment Report" untuk mengisi maklumat berkaitan dan menjana CAR bagi seksyen yang berkenaan.

	Alw Step	Do not s ays press SAVI o 1 • Step 2 •	kip 5 b Si	o these STEP outton at even tep 3 • Step Step 10 - P	s. Start ry STEP 4 • St Prepare	from befo ep 5 the (	Step 2 • 3 re proceedi • Step 6 Course Ass	3 4 ing to Step	5 • 6 • 7 • 8 the next STE 7 • Step 8 ent Report (	8 • 9 P. <i>St</i> • St <b>15)</b>	) ◆ 10 tep 1 is optional ep 9 ◆ <b>Step 10</b>	
End of Course 5	irvey	Reflection of Past PLOs and CLOs	Im fro (D	port POs and COs om Other Section o this with caution)	HISTORY	HELP	GO TO OTHER COURSE	Manual	Change Password	Print	DELETE EVERYTHING!!	Logout
Course Assessment Repo	t											

16. Isi maklumat yang berkaitan kemudian klik "Save and Submit Report" untuk menjana CAR. Seterusnya, cetak CAR berkenaan sebagai fail PDF.

Do not skip these STEPs. Start from Step 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 Always press SAVE button at every STEP before proceeding to the next STEP. <i>Step 1 is optional</i>											
Step 1 🔹 Step 2 🍨	Step 3 🔹 Step 4 🍨 Step 5 🔹	Step 6 🔹 Step 7 🍨 Step 8 🔹	Step 9 • Step 10								
Step 6 - Insert and Update Marks											
End of Reflection of Past PLOs and CLOs	Import POs and COs from Other Section (Do this with caution)	GO TO OTHER COURSE Manual Change Password	Print DELETE EVERYTHING! Logout								
Course Assessment Report											
Type your comments in the boxes below, press "Save and GENERATE REPORT" and print. Avoid using DOUBLE QUOTES in your comments. Save And Generate Report											
*Compulsory* Enter the programme of the majority of your students.	Course : SKEE2523 Name : ELECTROMAGNETIC FIELD THEORY										
This course/section will appear in this Programme's PAR. *Compulsory*	Name of other lecturer/trainer       Please ask the HOD to add a new program										
State the changes made from the previous course and programme learning outcomes (if any)											
Describe to what extend the course learning outcomes are achieved by the students (Please state the performance criteria, explain the results obtain and make comparison)											

- 17. Emelkan empat (4) fail PDF yang telah dijanakan sebelum ini dan dokumen tambahan lain kepada penyelaras matapelajaran:
  - a. Step 7 Detailed PLO Analysis
  - b. Step 8 CLO Analysis
  - c. Step 9 Results and Grades
  - d. Step 10 Course Assessment Report (CAR)
  - e. Template Markah iOBE yang telah diisi (Excel)
  - f. Taburan Gred Pelajar (AIMSWEB)
  - g. Salinan Jadual Pengajaran & Surat Lantikan
- 18. Tamat.