



# ACADEMIC ADVISORY

BACHELOR OF MECHATRONICS ENGINEERING  
(BEKM)

# SEMESTER IMPLEMENTATION

<b>SEMESTER I</b>			
Instructional Session	7 weeks		
Mid-Semester Break	1 week		
Instructional Session	7 weeks		
Revision Week	1 week		
Final Examination	2 weeks		
<b>Total</b>	<b>18 weeks</b>		
Semester Break	3 weeks		
<b>SEMESTER II</b>			
Instructional Session	7 weeks		
Mid-Semester Break	1 week		
Instructional Session	7 weeks		
Revision Week	1 week		
Final Examination	2 weeks		
<b>Total</b>	<b>18 weeks</b>		
End of Academic Session Break	13 weeks		
		<b>OR</b>	
		Semester Break	1 week
		<b>SPECIAL SEMESTER</b>	
		Instructional Session & Examination	8 weeks
		Final Semester Break	4 weeks
<b>Total</b>	<b>52 weeks</b>		

# CURRICULUM STRUCTURE

CORE PROGRAM (P)

ELECTIVE (E)

COMPULSORY (W)

TYPE COURSE	YEAR 1		YEAR 2	
	SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4
COMMON CORE & PROGRAM CORE (P)	BMFG 1313 ENGINEERING MATHEMATICS 1	BMCG 1013 DIFFERENTIAL EQUATIONS	BEKG 2443 ENGINEERING MATHEMATICS 2	BENG 2143 ENGINEERING STATISTICS
	BEKG 1123 PRINCIPLES OF ELECTRIC AND ELECTRONICS	BENG 1413 DIGITAL ELECTRONICS	BITG 1233 COMPUTER PROGRAMMING	BEKE 2422 ANALOGUE ELECTRONICS APPLICATIONS
	BMFG 1213 ENGINEERING MATERIALS	BMCG 1523 ENGINEERING GRAPHICS AND CAD	BEKU 2333 ELECTRICAL CIRCUIT II	BEKC 3533 INTRODUCTION TO CONTROL SYSTEM
	BMCG 1123 STATICS & MECHANICS OF MATERIAL	BEKU 1123 ELECTRICAL CIRCUIT I	BEKG 1233 PRINCIPLES OF INSTRUMENTATION AND MEASUREMENT	BEKC 3543 MICROPROCESSOR
	BEKB 1131 ENGINEERING PRACTICE I	BMCG 1253 DYNAMICS & MECHANISM	BEKM 2342 INTRODUCTION TO MECHATRONICS SYSTEM	BEKC 2433 SIGNAL & SYSTEMS
		BEKB 1231 ENGINEERING PRACTICE II	BMCG 2372 FLUID MECHANICS	BEKM 2321 MECHANICAL ENGINEERING LABORATORY
			BEKU 1231 ELECTRICAL & ELECTRONICS ENGINEERING LABORATORY	
CREDIT HOUR SEMESTER	13	16	17	15
ELECTIVE (E)				
CREDIT HOUR SEMESTER				
UNIVERSITY REQUIREMENTS (W)	BLLW 1142 ENGLISH FOR ACADEMIC PURPOSES	BKKX XXX1 CO-CURRICULUM II		BLLW 2152 ACADEMIC WRITING
	BKKX XXX1 CO-CURRICULUM I			** BKKX XXX1 CO-CURRICULUM (SUKSIS)
CREDIT HOUR SEMESTER	3	1		2
TOTAL CREDIT HOUR SEMESTER	16	17	17	17

# CURRICULUM STRUCTURE

CORE PROGRAM (P)

TYPE COURSE	YEAR 3			YEAR 4			
	SEMESTER 5	SEMESTER 6	SPECIAL SEMESTER	SEMESTER 7	SEMESTER 8		
COMMON CORE & PROGRAM CORE (P)	BEKM 3453 MICROCONTROLLER TECHNOLOGY	BEKM 3653 INTEGRATED DESIGN PROJECT	BEKU 3695 INDUSTRIAL TRAINING	BEKU 4061 ENGINEERING SEMINAR	BEHG 4322 ENGINEER AND SOCIETY		
	BEKM 3543 ELECTROMECHANICAL SYSTEMS	BEKC 4753 PLC & AUTOMATION		BEKU 4792 FINAL YEAR PROJECT I	BEKU 4894 FINAL YEAR PROJECT II		
	BEKC 3643 CONTROL SYSTEM ENGINEERING	BMCG 3643 HYDRAULIC & PNEUMATIC SYSTEMS		BEKM 4763 ROBOTICS			
	BEKG 2433 ELECTRICAL SYSTEMS	BMCG 3653 THERMODYNAMICS & HEAT TRANSFER		BEKC 2453 COMMUNICATION SYSTEMS			
	BMFG 3213 ENGINEERING ECONOMY AND MANAGEMENT						
	BEKC 2421 CONTROL SYSTEMS LABORATORY	BEKM 3641 MECHATRONICS ENGINEERING LABORATORY I		BEKM 4751 MECHATRONICS ENGINEERING LABORATORY II			
CREDIT HOUR SEMESTER	16	13	5	10	6		111
ELECTIVE (E)				BEKX XXX3 ELECTIVE I (PROGRAM)	BEKX XXX3 ELECTIVE II (PROGRAM)		
				BLHL 1XX2 ELECTIVE I (UNIVERSITY)	BXXX XXX2 ELECTIVE II (UNIVERSITY)		
CREDIT HOUR SEMESTER				5	5		10
UNIVERSITY REQUIREMENTS (W)	BLLW 3162 ENGLISH FOR PROFESSIONAL INTERACTION	BLHW 1762 PHILOSOPHY AND CURRENT ISSUES			BTMW 4012 TECHNOLOGY ENTREPRENEURSHIP		
					BLHW 2772 APPRECIATION OF ETHICS AND CIVILISATIONS		
					BLHW 2752 MALAYSIAN CULTURE		
CREDIT HOUR SEMESTER	2	2		0	4		14
TOTAL CREDIT HOUR	18	15	5	15	15		135

ELECTIVE (E)

COMPULSORY (W)

# SUBJECT AUDIT

Fill in important details

**IMPORTANT!**

<b>Instructions for the student</b>	1. Please fill in the <b>YELLOW HIGHLIGHTED SPACES</b> with your details and choose the grade obtained (from the drop down list) for each course up the current semester. Use the following: a. "EXEMPTED" for credit exempted courses, b. "PASS" or "FAIL" for <b>BEKU3695 INDUSTRIAL TRAINING</b> and <b>BEKU 4861 ENGINEERING SEMINAR</b> . 2. Return the completed form to your academic advisor.
<b>Instructions for the Academic Advisor</b>	1. Double confirm the information through the SMP system (Maklumat Kohort Pelajar). 2. Report the results/highlights any problem in regards to the audit to the program owner (HOD/TDA).

<b>Academic Advisor Name</b>	DR. NURUL AIN MOHD SAID
<b>Student Name</b>	[REDACTED]
<b>Matrix No.</b>	[REDACTED]
<b>Cohort/Year of Entry</b>	2021/2022
<b>HP Contact</b>	[REDACTED]
<b>SEKSYEN</b>	[REDACTED]
<b>CGPA</b>	[REDACTED]

MINIMUM CREDIT FOR KBA				
COURSE CATEGORY	COURSE STATUS	STATUS HW	TOTAL CREDIT REQUIRED	TOTAL CREDIT OBTAINED
E (ELECTIVE)	PROGRAM	-	9	0
	UNIVERSITY	-	4	0
P (PROGRAM)	OTHERS	-	96	0
	ENGINEERING SEMINAR	HW	1	0
	INDUSTRIAL TRAINING (LI)	HW	5	0
	FINAL YEAR PROJECT	-	6	0
W (UNIVERSITY)	UNIVERSITY	-	12	0
	KURIKULUM	-	2	0
JUMLAH KESELURUHAN			135	0

Total credit to graduate = 135

Fill in grade/enrolled course at the beginning of semester

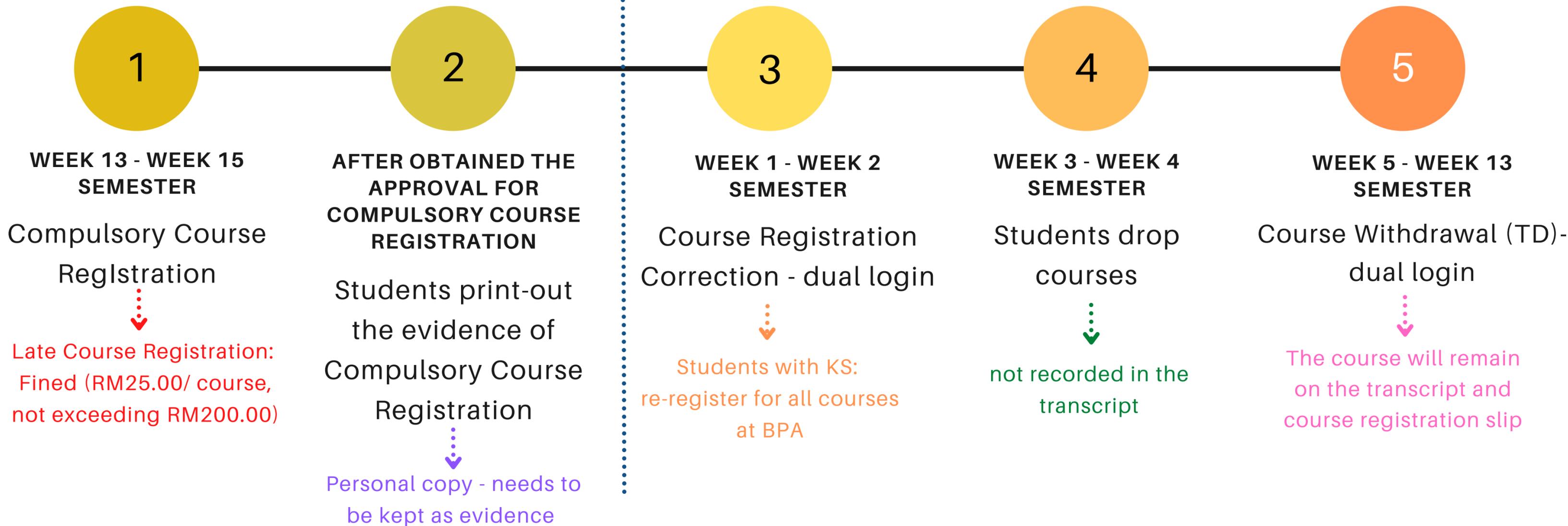
SEMESTER OF STUDY	CODE	COURSES	CATEGORY	CREDIT	GRADE	CREDIT OBTAINED	REMARK BY PA
SEMESTER 1	BLHW 1442	ENGLISH FOR ACADEMIC PURPOSE	W	2	A	2	
	BKKX XXX1	CO-CURRICULUM I	W	1	A	1	
	BMFG 1313	ENGINEERING MATHEMATICS I	P	3	A	3	
	BEKG 1123	PRINCIPLES OF ELECTRIC AND ELECTRONICS	P	3	A	3	
	BMFG 1213	ENGINEERING MATERIALS	P	3	A	3	
	BMCG 1123	STATICS & MECHANICS OF MATERIAL	P	3	EXEMPTED	3	
	BEKB 1131	ELECTRICAL PRACTICE I	P	1	A	1	
		<b>TOTAL CREDITS</b>		<b>16</b>	<b>TOTAL CREDITS OBTAINED</b>	<b>16</b>	<b>REMARK BY PA</b>
		<b>CUMULATIVE TOTAL CREDITS</b>		<b>16</b>	<b>CUMULATIVE CREDITS OBTAINED</b>	<b>16</b>	

# Course Registration- Regular Semester

Senior Student

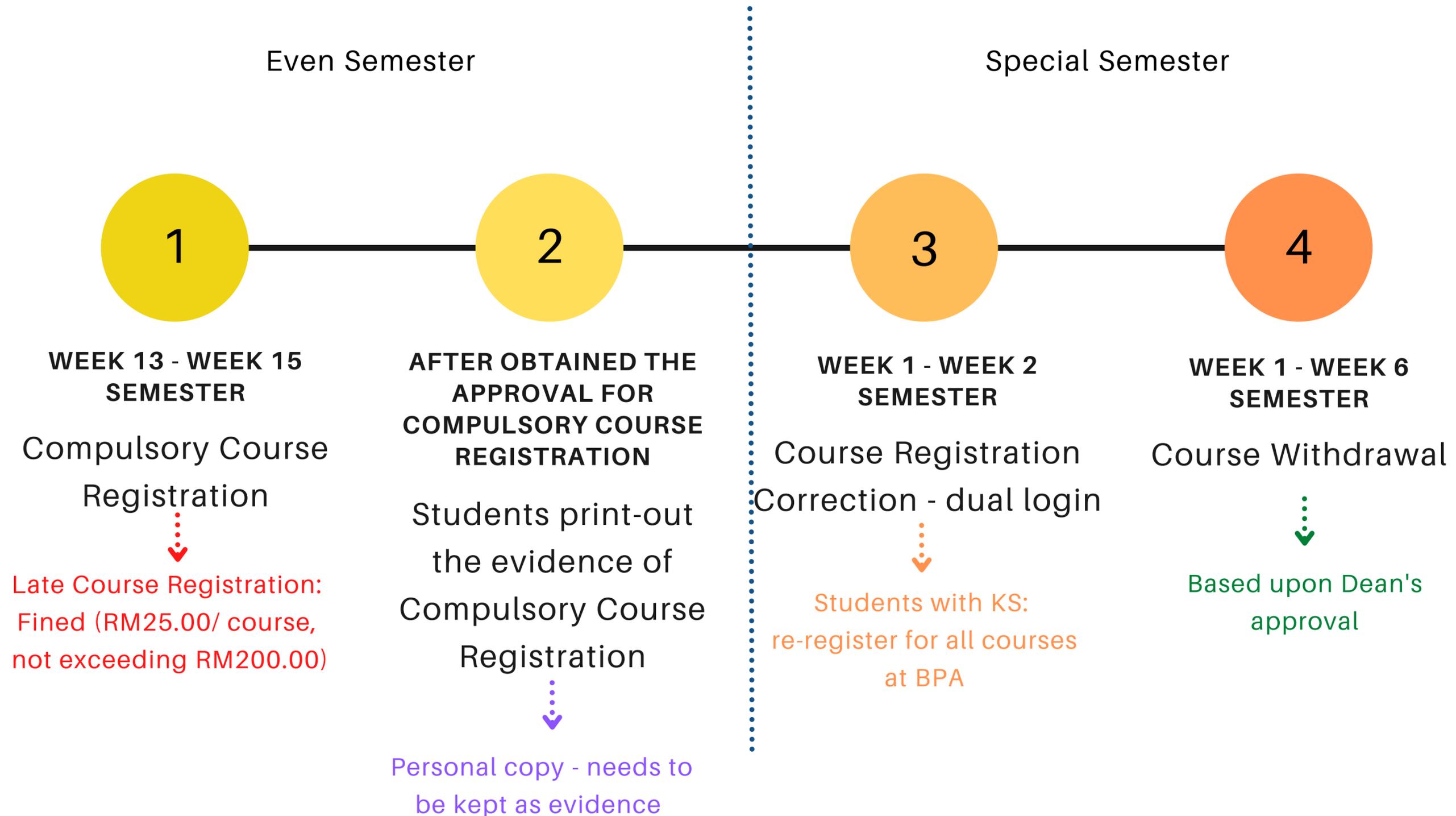
Current Semester

Next Semester



# Course Registration- Special Semester

Senior Student



# TERMS DAN DEFINITION

## **KB (Kedudukan Baik/ Good Standing)**

Continue his/her study in the University

## **KS (Kedudukan Bersyarat/ Conditional Academic Standing)**

A student with KS shall register for courses with the total of 12 credits. Under certain circumstances, a student may register for more or fewer than a total of 12 credits subject to the Dean's special approval.

## **KG (Kedudukan Gagal / Failed Academic Standing)**

Will be terminated from the University

## **SMP**

Student Information System

## **Kredit Kira/ Credit Counted**

Number of credits obtained for courses passes and is taken into account in the calculation of the GPA and the CGPA

## **Kredit Dapat/ Credit Earned**

Total number of credits earned for courses passed including Credit Transfer

## **UG (Ulang Gred/ Improving Academic Achievement)**

Improving Academic Achievement throughout the duration of study. (C-,D+, or D grade is obtained )

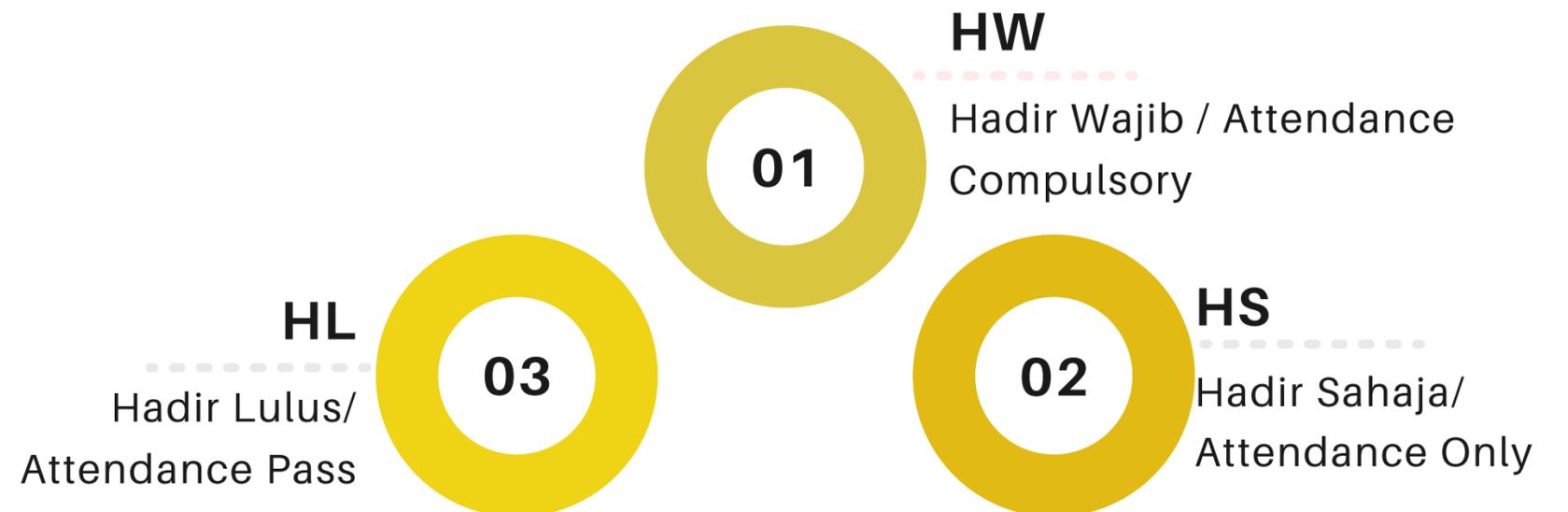
## **UM (Ulang Kursus/ Repeat Course**

repeat the same course due fails in any course(E grade is obtained)

# Grade System

Marks	Grade	Grade Point Value	Achievement
80 - 100	A	4.0	Distinction
75 - 79	A-	3.7	Distinction
70 - 74	B+	3.3	Credit
65 - 69	B	3.0	Credit
60 - 64	B-	2.7	Pass
55 - 59	C+	2.3	Pass
50 - 54	C	2.0	Pass
47 - 49	C-	1.7	Conditional Pass
44 - 46	D+	1.3	Conditional Pass
40 - 43	D	1.0	Conditional Pass
00 - 39	E	0.0	Fail

## Other Grades



# Academic Standing

Academic Standing	CGPA
Good Academic Standing (KB)	CGPA $\geq$ 2.00
Conditional Academic Standing (KS)	1.70 $\leq$ CGPA $<$ 2.00
Fail Academic Standing (KG)	CGPA $<$ 1.70

**If**

CGPA  $\geq$  2.00, dan GPA  $<$  1.00

Student may:

(i) Continue his studies with KB

**or**

(ii) Be instructed to defer his studies to the next semester with KB

**atau**

(iii) Be terminated from his studies with (KG)

**If**

1.70  $\leq$  CGPA  $<$  2.00, dan GPA  $<$  1.00

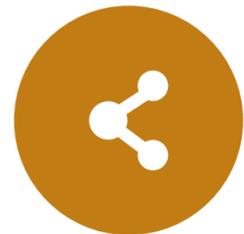
Student may:

(i) Be instructed to defer his studies to the next semester with KS

**or**

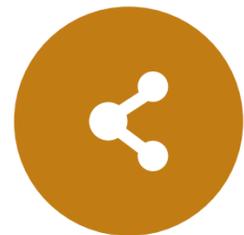
(ii) Be terminated from his studies (KG)

# Academic Standing



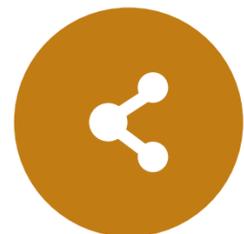
## SPECIAL SEMESTER

Grades obtained in the Special Semester shall be taken into consideration in calculating the CGPA for the subsequent semester



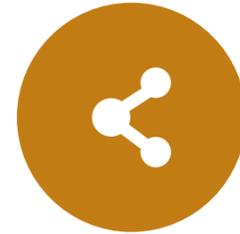
## OBTAINS (KS) FOR 3 CONSECUTIVE SEMESTERS

Shall be given KG



## KG STATUS

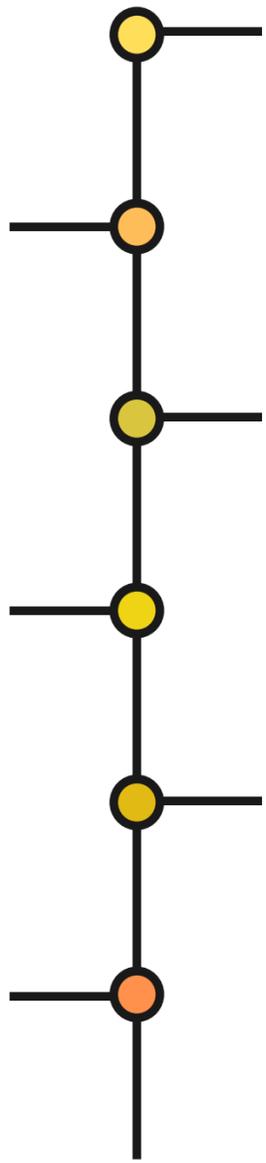
terminated from his studies



## IMPROVING ACADEMIC ACHIEVEMENT

- 1  
For courses with D to C- grade only
- 2  
Improving grades for the same course or equivalent course is allowed only once.
- 3  
The better grade between the original and current grades shall be taken for the calculation of the GPA and CGPA.
- 4  
Grades for the Diploma Project and Final Year Project are not allowed to be improved
- 5  
A Final semester student who has fulfilled the Credit Earned requirement but obtains a KS shall be given the opportunity to improve his Academic Standing with the following conditions:
  - i) The maximum duration of study has not exceeded.
  - ii) with the approval of the Faculty
- 6  
A student who fails to improve his Academic Standing by earning KB shall be given KG and dismissed

# DEFERMENT OF STUDY



## With a Medical Certificate (MC)

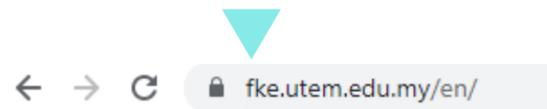
- Medical Certificate or a health status and endorsement letter from a **University Medical Officer or Government Hospital/Clinic MC only**
- This period of deferment shall not be counted in the number of semester utilised.

## Reasons other than medical

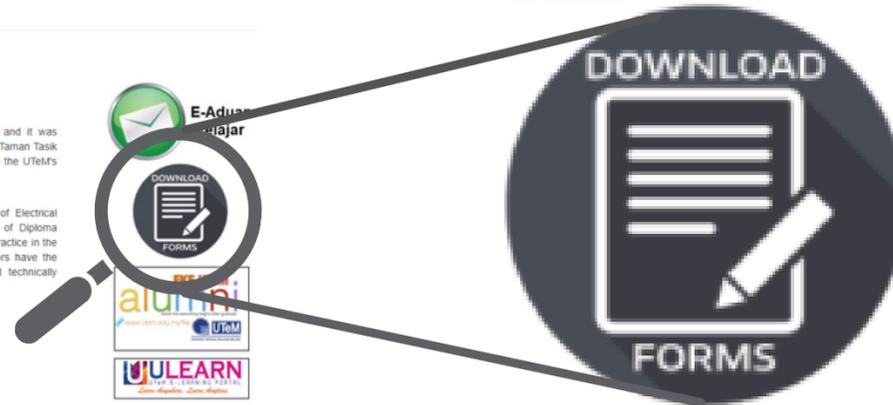
- The application for deferment shall be made no later than Week 13 of the semester
- **The period of this deferment shall count towards the total duration of study**
- the Senate may give its permission to exclude the period of deferment from the calculation if the student involved in the industry mode or Gap Year programme. The maximum leave allowed for deferment is 2 semesters only.

# WITHDRAWAL FROM STUDY

## 1: FKE's Website



## 2: Click this icon



## 3: 'Student' divisions

Student	
Prosedur E-Aduan Untuk Petajar FKE	Details Download
Senarai wakil kelas sesi 2020/2021	Details Download
Borang tank diri kursus	Details Download
Borang pertukaran seksyen	Details Download
Borang pendaftaran kursus	Details Download
Borang pembetulan kursus, tambah dan gugur matapelajaran	Details Download
Borang cuti kuliah	Details Download
<b>Borang Permohonan Berhenti dari Pengajian</b>	Details Download

## 4: Download Form



## 5: Fill in the form

BPA/TD/2012

  
UNIVERSITI TEKNIKAL, MALAYSIA MELAKA

**BORANG PERMOHONAN BERHENTI DARI PENGAJIAN  
WITHDRAWAL FROM STUDY APPLICATION FORM**

**BAHAGIAN I : MAKLUMAT PERIBADI  
PART 1 : PERSONAL DETAILS**

1. Nama / Name : \_\_\_\_\_ X

2. No. K/P  
Passport No. : \_\_\_\_\_ X

3. No. Matrik  
Matric No. : \_\_\_\_\_ X

4. Alamat Surat Menyurat : \_\_\_\_\_ X  
(setelah berhenti pengajian)  
Correspondence Address  
(after your withdrawal)

## 6: Get support from Academic Advisors and Faculty

**Students are not allowed to withdraw from his studies except with the approval of the University.**

# EXAMINATION RESULTS

UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTeM)

Hang Tuah Jaya, 76100 Durian Tunggal, Melaka, Malaysia  
Tel : 06-331 6085 Fax : 06-331 6079

NAME : [REDACTED]

ADDRESS : [REDACTED]

PROGRAMME : BACHELOR OF ELECTRICAL ENGINEERING WITH HONOURS

ACADEMIC ADVISOR : DR. NURULAIN BINTI MOHD SAID

EXAMINATION RESULT SLIP

FACULTY :

MATRIC NO. :

NRIC :

YEAR/SEMESTER OF STUDY : 3/2

SPONSOR :

SEMESTER : 2

SESSION : 2-2019/2020

FACULTY OF ELECTRICAL ENGINEERING

[REDACTED]

## GPA

$$GPA = \frac{JMN(TGPV)}{JKK(CC)}$$

$$JMN(TGPV) = (4)(2) + (3.7)(2) + (3.3)(3) + (4)(3) + (4)(3) + (4)(2) + (4)(3) = 69.3$$

$$JKK(CC) = 2 + 2 + 3 + 3 + 3 + 2 + 3 = 18$$

$$\therefore GPA = \frac{JMN(TGPV)}{JKK(CC)}$$

$$GPA = \frac{69.3}{18}$$

$$GPA = 3.85$$

COURSE CODE	COURSE TITLE	GR	GPV	CH	TGPV	ST		CURRENT SEMESTER	CUMULATIVE SEMESTER	
BEKB3673	INTEGRATED DESIGN PROJECT	A	4	3	12	-	CP	18	101	
BEKC3683	CONTROL AND INSTRUMENTATION	D+	1.3	3	3.9	-	CE/CT			
BEKE3543	POWER ELECTRONICS	C	2	3	6	-	CC	18	101.00	
BEKP3653	POWER SYSTEM & HIGH VOLTAGE	B	3	3	9	-	SGP	51.9	279.80	
BEKP3683	DISTRIBUTION SYSTEM DESIGN	B+	3.3	3	9.9	-	GPA	2.88		
BLHW3403	ENGLISH FOR PROFESSIONAL COMMUNICATION	A-	3.7	3	11.1	-	CGPA		2.77	
<b>FINAL RESULT</b>										
<b>KB</b>										
<b>GRADE ASSESSMENT</b>										
							A : 4.0		A- : 3.7	
							B+ : 3.3		B : 3.0	
							B- : 2.7		C+ : 2.3	
							C : 2.0		C- : 1.7	
							D+ : 1.3		D : 1.0	

## CGPA

$$CGPA = \frac{JMN_{Sem 1} + JMN_{Sem 2} + JMN_{Sem 3} \dots + JMN_{Sem 7}}{JKK_{Sem 1} + JKK_{Sem 2} + JKK_{Sem 3} + \dots + JKK_{Sem 7}}$$

## Final Result

KB, KS, KG

KEY GR : Grade GPV : Grade Point Value CH : Credit Hour TGPV: Total Grade Point Value ST : Status  
 CP : Credit Passed CC : Credit Counted CE : Credit Exempted CT : Credit Transferred SE : Special Examination  
 P : Pass F : Fail TD : Withdrawn GPA : Grade Point Average UM : Repeat Course  
 CGPA : Cumulative Grade Point Average UG : Repeat Grade

NOTE THIS EXAMINATION RESULT SLIP IS SOLELY INTENDED FOR THE STUDENT'S REFERENCE ONLY. IT IS NOT VALID FOR OTHER PURPOSES UNLESS VERIFIED AND SIGNED BY AN AUTHORISED OFFICER FROM THE ACADEMIC MANAGEMENT DIVISION, REGISTRAR'S OFFICE.

## Effective Student-Lecturer Interaction Guide

### MUTUAL RESPECT & TRUST

Addressing your lecturers properly. Pay attention to every lecturer at the very beginning of the semester, because many of them will state exactly how they would like to be addressed.

### ATTENDANCE

Attend your classes and always arrive on time. Remember to knock before entering the lecture room, and avoid missing lectures and/or labs.

### E-MAILS

Address your lecturer properly; introduce yourself; use formal language; ask your questions with a tone of interest rather than one of interrogation, and politely request answers rather than demanding them. Also, you might want to update your lecturer with the steps you have taken while trying to answer the questions on your own. Lecturers will never hesitate to give you, sincere guidance on how to research your questions better. Avoid texting or phoning, unless the lecturer states that this is their preferred method of communication.



# SOURCE & INFORMATION

<http://fke.utem.edu.my/en/>

Always A Pioneer, Always Ahead

- Why Study @ FKE?
- Admission
- Undergraduate ▾
- Introduction Undergraduate
- Academic Advisory
- Industrial Training
- Mobility Program
- Final Year Project
- Project Diploma (ProDip)
- IDP
- Part Time Programme ▾
- Postgraduate ▾
- Academic Handbook
- Student's Timetable
- Research
- Departments ▾
- Faculty Staff
- Facilities ▾

Click here



Others Information:  
Undergraduate system,  
Industrial training &  
Mobility program

Where to find the lecturers ?



Faculty of Electrical Engineering (FKE) was established in early 2001 and it was operational by 22 June 2001. Initially, FKE was at a temporary campus in Taman Tasik Utama, Ayer Keroh, Melaka but on 3 May 2005, it was formally moved to the UTeM's main campus in Mukim Durian Tunggal, Melaka.

The Faculty has three (3) departments and they are the Department of Electrical Engineering, Department of Mechatronics Engineering and Department of Diploma Studies. The course is designed to create a balance between theory and practice in the field of engineering. It is therefore imperative that the lecturers and tutors have the necessary expertise to produce graduates who are academically and technically competent.



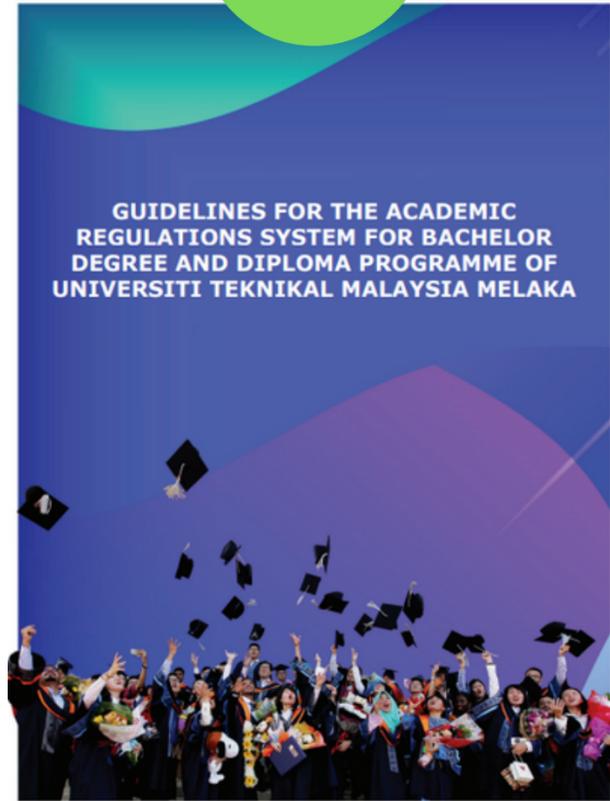







Useful links

# Resource/Sumber



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

## ACADEMIC HANDBOOK SESSION 2021/2022 FOR BACHELOR DEGREE AND DIPLOMA PROGRAMMES

## FACULTY OF ELECTRICAL ENGINEERING UNIVERSITI TEKNIKAL MALAYSIA MELAKA

KEMENTERIAN PENDIDIKAN MALAYSIA UTeM MISSION & MOTTO OBJECTIVES PEO PO ORGANIZATION CHART CONTACT US

Home  
Dean's Foreword  
Why Study @ FKE?  
Facilities  
Departments  
Faculty Staff

### e-Magazine

UTeM's Handbook

- Peraturan-Peraturan Akademik Program Pra-Ijazah (Bahasa Malaysia)
- Panduan Sistem Peraturan Akademik (Bahasa Malaysia)
- Academic Regulations for Undergraduate Programs (English)
- Guidelines for Academic Regulations for Undergraduate Programs (English)

FKE's Handbook (Bachelor Degree and Diploma Programmes)

Guidelines For The Academic Regulation System For Bachelor Degree And

All News Images Videos Maps More Tools

About 494,000 results (0.85 seconds)

<http://pekelilingpendaftar.utem.edu.my/bpa/e-Peraturan-akademik-EN.pdf> PDF

**e-Peraturan-akademik-EN.pdf - UTeM | Pejabat Pendaftar**

Academic Regulations for Bachelor Degree and Diploma Programme of. Universiti Teknikal Malaysia Melaka. 23. PART VI. 6. GRADE SYSTEM.

93 pages



Unit Bimbingan dan Kaunseling Pelajar,  
Pejabat Hal Ehwal Pelajar,  
Aras 1, Pusat Persatuan Pelajar,  
Universiti Teknikal Malaysia Melaka



06-270 1376



Unit Kaunseling Pelajar UTeM