

KIE3001 LAB 5 TIMETABLE (SEM 1, 2023/2024)

EVERY LAB REPORT (Only 1 report per group)	
SUBMISSION METHOD:	Online (Spectrum)
SUBMISSION DEADLINE:	Refer to Spectrum

No.	Experiment	Location	Group	Day	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	Lab Report	
1	KW12: BASIC PLC PROGRAMMING USING LADDER DIAGRAM PIC: Dr. Wong Wei Ru weiru@um.edu.my	Anywhere (Software)	1	Monday (2-4 PM)	All A				*					*	*	Required, combine KW12 and KW13 into 1 lab report	
			2	Tuesday (2-4 PM)	All B												
			3	Thursday (2-4 PM)	All C												
2	KW13: PLC PROGRAMMING WITH TIMERS AND COUNTERS PIC: Dr. Wong Wei Ru weiru@um.edu.my	Anywhere (Software)	1	Monday (2-4 PM)	All A				*					*	*	Required, combine M1 and M3 into 1 lab report	
			2	Tuesday (2-4 PM)	All B												
			3	Thursday (2-4 PM)	All C												
3	M1: CHARACTERISTICS OF INDUCTION MOTOR PIC: Dr. Mohamad Sofian sofian_abutalip@um.edu.my	Machine Lab (Level G, Block Y)	1	Monday (2-4 PM)		A1			*	A4	A3	A2		*	*	Required, combine M1 and M3 into 1 lab report	
			2	Tuesday (2-4 PM)		B1	B7	B4	B6	B3	B9	B5	B2	B8			
			3	Thursday (2-4 PM)		C1	C7	C6	C5	C4	C3	C2					
4	M3: CHARACTERISTICS OF DIRECT CURRENT MOTOR PIC: Dr. Mohamad Sofian sofian_abutalip@um.edu.my	Machine Lab (Level G, Block Y)	1	Monday (2-4 PM)		A2	A1		*		A4	A3		*	*	Required, combine M1 and M3 into 1 lab report	
			2	Tuesday (2-4 PM)		B2	B8	B5	B1	B7	B4	B6	B3	B9			
			3	Thursday (2-4 PM)		C2	C1	C7	C6	C5	C4	C3					
5	KW8: ROTATIONAL SPEED FOLLOWER CONTROL WITH PID CONTROLLER (Open-ended) PIC: A.P. Dr. Marizan Mubin marizan@um.edu.my	Control Lab (Level G, Block Y)	1	Monday (2-4 PM)		A3	A2	A1	*			A4		*	*	Required, combine KW8 and EM1 into 1 lab report	
			2	Tuesday (2-4 PM)		B3	B9	B6	B2	B8	B5	B1	B7	B4			
			3	Thursday (2-4 PM)		C3	C2	C1	C7	C6	C5	C4					
6	EM1: MAGNETIC INDUCTION & FERROMAGNETIC HYSTERESIS PIC: Dr. Wan Nor Liza wnliza@um.edu.my	Electromagnetic Lab (Level 3, Block Y)	1	Monday (2-4 PM)		A4	A3	A2	*	A1				*	*	Required, combine EM2 and EM3 into 1 lab report	
			2	Tuesday (2-4 PM)		B4	B1	B7	B3	B9	B6	B2	B8	B5			
			3	Thursday (2-4 PM)		C4	C3	C2	C1	C7	C6	C5					
7	EM2: MAGNETIC FIELD OUTSIDE A CONDUCTOR & IN HELMHOLTZ ARRANGEMENT PIC: Dr. Wan Nor Liza wnliza@um.edu.my	Electromagnetic Lab (Level 3, Block Y)	1	Monday (2-4 PM)			A4	A3	*	A2	A1			*	*	Required, combine EM2 and EM3 into 1 lab report	
			2	Tuesday (2-4 PM)		B5	B2	B8	B4	B1	B7	B3	B9	B6			
			3	Thursday (2-4 PM)		C5	C4	C3	C2	C1	C7	C6					
8	EM3: LORENTZ FORCE AND TRANSFORMER PIC: Dr. Tarik Abdul Latef tariqlatef@um.edu.my	Electromagnetic Lab (Level 3, Block Y)	1	Monday (2-4 PM)				A4	*	A3	A2	A1		*	*	Required, combine EM2 and EM3 into 1 lab report	
			2	Tuesday (2-4 PM)		B6	B3	B9	B5	B2	B8	B4	B1	B7			
			3	Thursday (2-4 PM)		C6	C5	C4	C3	C2	C1	C7					

Year	2023												2024	
Week	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	
Monday	16-Oct	23-Oct	30-Oct	6-Nov	13-Nov*	20-Nov	4-Dec	11-Dec	18-Dec	25-Dec*	1-Jan*	8-Jan	15-Jan	
Tuesday	17-Oct	24-Oct	31-Oct	7-Nov	14-Nov	21-Nov	5-Dec	12-Dec	19-Dec	26-Dec	2-Jan	9-Jan	16-Jan	
Thursday	19-Oct	26-Oct	2-Nov	9-Nov	16-Nov	23-Nov	7-Dec	14-Dec	21-Dec	28-Dec	4-Jan	11-Jan	18-Jan	

Notes:

- For **software-based** experiments (KW12, KW13), all students can perform the experiment **anytime, anywhere** every week.
- For **software-based** experiments (KW12, KW13), **every student MUST SUBMIT** the **simulation results** (results in PDF file and the simulation file in the original format e.g. PSpice file) to the Spectrum **before the deadline**.
- For **ALL** experiments, only **1 LAB REPORT per group** is required for submission to the Spectrum. The name of students for every lab report shall follow the lab group number (as shown in the next page).
- Refer to Spectrum for **submission deadline**.
- Any questions related to the experiment, please contact the person in charge (PIC) directly.
- Semester break: 27-Nov-2023 – 03-Dec-2023

* **Public holidays:** Deepavali (12-Nov-2023), Christmas (25-Dec-2023), New Year (1-Jan-2024)

For any issues regarding the lab timetable, please contact Assoc. Prof. Ir. Dr. Hazlee Azil Illias at h.illias@um.edu.my or Dr. Norrima Mokhtar at norrimamokhtar@um.edu.my.

Last updated: 20-Oct-2023

Lab Grouping for KIE3001 LAB 5 (Semester 1, 2023/2024)

ID Number	Name	Group
U2000436/2	AIMAN MUQRI BIN MOHAMAD SUKRI	A1
U2000510/2	MUHAMMAD DANISH BIN RAZLANSHAH	A1
U2103189/1	FOO MING YEE	A1
U2001106/2	ABDULLAH ADLAN BIN ANUAR	A1
U2103074/1	YALINI A/P SUNDARAM	A2
U2103103/1	WONG CHUAN ZHOU	A2
S2132295/1	ALSANDAIR ROIKIN WELLSON	A2
S2121529/1	ABDUL AZEEM BIN MUHAMMAD NAZRI	A2
S2127802/1	MOHAMMAD OMAR BIN FAHEEM	A3
U2103178/1	SARVAGJNAA DIVYA	A3
U2000754/2	ASHRAF HAZIIQ HAMIZAN BIN FAIZAL	A3
U2000840/2	MUHAMMAD HAFIZ AIDID BIN ROSNI	A3
S2130749/1	NEESHANT BADRINATH PRAKASH	A4
U2000501/2	MUHFIZZAM IZUAN BIN MUSLIM	A4
U2000878/2	MUHAMMAD SHAHIR BIN SAHRUDDIN	A4
U2103104/1	VISSHWANATHAN A/L MURALI	A4
S2106681/1	MD TAHMID ALAM	B1
S2108902/1	DYLAN YEO CHENG LIANG	B1
S2115701/1	TAN SZE CHING	B1
S2119347/1	ZHONG ZHERUI	B1
U2001480/2	NURUL FATIHA BINTI A.RAHMAN	B2
U2103061/1	SOONG PENG XIANG	B2
U2103063/1	CHEAH YIH XIANG	B2
U2103067/1	TANG JUN YAU	B2
U2103154/1	AMMAR BIN ABU BAKAR	B3
U2103156/1	TOH ZHEN YAO	B3
U2103166/1	KHAW THONG XIANG	B3
U2103167/1	LIM YIK	B3
U2103173/1	NG HOONG TECK	B4
U2103179/1	KON AN YI	B4
U2103182/1	TEE KIM YAW	B4
U2103183/1	LIAN JIA YUN	B4
S2121843/1	LING CHENG YUAN	B5
S2126386/1	CHONG JE XUN	B5
S2127500/1	ADRIAN LIM JIE ERN	B5
S2132752/1	CHEW JIE YI	B5
S2132773/1	ONG ZE WEI	B5
S2133001/1	TEE YEE RONG	B6
U2103079/1	LOH XIN RU	B6
U2103100/1	JORDAN LEE ZUONAN	B6
U2103102/1	CHHAN KAI MING	B6
U2103105/1	LIM MUN KEN	B6

ID Number	Name	Group
U2103120/1	TEO VERN YI	B7
U2103124/1	SAMUEL LEE JIAN HAO	B7
U2103125/1	KUA DENG YAO	B7
U2103130/1	KHOO YVONNE	B7
U2103137/1	TAN CHIN PENG	B7
U2103138/1	LEE SHI EN	B8
U2103139/1	LAU HAO WEN	B8
U2103142/1	LWI JIA YOU	B8
U2103151/1	CHAN ANNE SZE	B8
U2103196/1	JASON TAN YUAN SHENG	B9
U2103204/1	LEE ZE XUN	B9
U2103206/1	LEE LI YANG	B9
U2103216/1	TEOH JIAN WEI	B9
U2103217/1	SAW KAI YUAN	B9
U2000465/2	FATHUL AMMAR BIN NAZRI	C1
U2103184/1	SHERRIE GOH XUN YI	C1
17155478/2	LUQMAN BIN KAMAR SHAM	C1
S2124379/1	MUHAMMAD KHAWARIZMI NAZIMUDDIN	C1
S2124934/1	NUR ZULAIKHA BINTI ZULKIFLI	C2
S2130003/1	KRISHNATARAAN A/L M.K.S.MANIAM	C2
U2000551/2	MUHAMMAD IRSYAD BIN ROSMAN	C2
U2000663/2	MOHAMAD FITRI BIN ABU YAZID	C2
U2103174/1	MOHAMAD HAQIME BIN SHARUDDIN	C3
U2103180/1	ARVINDRA PRASAD A/L MAHENDAN	C3
U2000771/2	MUHAMMAD DZULFAHMI BIN MOHD FAZIL	C3
U2000785/2	FARIS BIN ABDULLAH	C3
U2000674/2	MOHAMAD AMMAR BIN MOHAMED ZAHARI	C4
U2000767/2	MUHAMMAD FAIZ BIN AZUKI	C4
U2000829/2	SA'ADATUL RAFIQAH BINTI ZOLQARNAIN	C4
U2001011/2	HARIZ LUQMAN BIN ABU NAZRI	C4
U2103064/1	STEFFAN BOYD LAWAI ANAK ROHA	C5
U2103090/1	BREAVIIN A/L APALASAMY	C5
U2001080/2	IZZA NURBALQIS BINTI EZANIZAM	C5
U2001302/2	MOHAMAD FARID BIN MOHD AMIN	C5
U2103203/1	HAZIQ HAKIM BIN ALIAS	C6
U2103218/1	NUR HAFIZAH `ALIYAH BINTI SHAHRUL NIZAM	C6
U2105642/1	ARVIN RAJ A/L HARITHAS	C6
U2000437/2	SYED ILHAN HAFIZY BIN SYED NOAH	C6
U2000449/2	NURUL DIYANAH AMNY BINTI ZULFIKRI	C7
U2002193/2	WAN AMMAR IZZAT BIN YUSMAZRI	C7
U2002281/2	MUHAMMAD IKHWAN BIN MOHD YUSOF	C7
U2103185/1	NURIN IRDINA BINTI ABD RASHID	C7
U2103190/1	HARPRIT KAUR PHILIESTIA A/P AMARJIT SINGH	C7