

**LAB SCHEDULE**  
**FSPP0042 PHYSICS PRACTICAL II**  
**SEMESTER JULY, SESSION 2023/2024**  
**FOUNDATION PROGRAMME**  
**(SECTION 18 UTM JB)**

EXPERIMENT NO.		EXP 1/7		EXP 2/7		EXP 3/7		EXP 4/7	MID SEM BRK	EXP 4/7	EXP 5/7		EXP 6/7		EXP 7/7			
GROUP		B	A	B	A	B	A	B		A	B	A	B	A	B	A	B	
WEEK/DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
WEDNESDAY		9/8	16/8	23/8 *Hari Hol	30/8	6/9	13/9	20/9	27/9	4/10	11/10	18/10	25/10	1/11	8/11	15/11	22/11	

**Remarks:**

23/8/2023 - Hari Hol Johor (GROUP B)

- Replacement on 22/11/23

FIZIK II (FSPP 0042)	MAKMAL PENGAJARAN FIZIK 1 (C20 215) WEDNESDAY (10.00AM-1.00PM)
	1. EN. BAKHTIAR BIN MAT SARI 2. EN. AMINURRAHID BIN YAHYA

## FSPP0042 PHYSICS PRACTICAL II

### WEEKLY SCHEDULE

Week	Group	Topic / Content
<b>WEEK 1</b> 30/7/2023 - 3/8/2023	All Groups	Students' registration, lab manual and student's worksheet distribution
<b>WEEK 2</b> 6/8/2023 - 10/8/2023	Group B EXP 1/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 3</b> 13/8/2023 - 17/8/2023	Group A EXP 1/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 4</b> 20/8/2023 - 24/8/2023	Group B EXP 2/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 5</b> 27/8/2023 - 31/8/2023	Group A EXP 2/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 6</b> 3/9/2023 - 7/9/2023	Group B EXP 3/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 7</b> 10/9/2023 - 14/9/2023	Group A EXP 3/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 8</b> 17/9/2023 - 21/9/2023	Group B EXP 4/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses

<b>WEEK</b> 24/9/2023 - 28/9/2023		<b>MID SEMESTER BREAK</b>
<b>WEEK 9</b> 1/10/2023 - 5/10/2023	Group A EXP 4/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 10</b> 8/10/2023 - 12/10/2023	Group B EXP 5/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 11</b> 15/10/2023 - 19/10/2023	Group A EXP 5/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 12</b> 22/10/2023 - 26/10/2023	Group B EXP 6/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 13</b> 29/10/2023 - 2/11/2023	Group A EXP 6/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 14</b> 5/11/2023 - 9/11/2023	Group B EXP 7/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses
<b>WEEK 15</b> 12/11/2023 - 16/11/2023	Group A EXP 7/7	<b>Experiment O1:</b> Resonance and The Speed of Sound in Air <b>Experiment O2:</b> Ohm's Law – Resistance in Series and Parallel <b>Experiment O3:</b> Charging and Discharging of Capacitor <b>Experiment O4:</b> Refractive Index of Glass <b>Experiment O5:</b> Concave Mirror <b>Experiment O6:</b> Measuring Wavelength with a Diffraction Grating <b>Experiment O7:</b> Determination of Focal Lengths of Thin Lenses

<b>WEEK 16</b> <b>19/11/2023</b> - <b>23/11/2023</b>		
<b>WEEK 17</b> <b>26/11/2023</b> - <b>30/11/2023</b>		<b>REVISION WEEK AND FINAL EXAMINATION</b>

Code/Course	: <b>FSPP0042 PHYSICS PRACTICAL II</b>	Semester/ Session	: <b>JULY, 2023/2024</b>
Lecturer's Name	: <b>CIK NOR NAIMAH BINTI SHAARI</b>	Section	: <b>18 A</b>
Venue	: <b>MAKMAL PENGAJARAN FIZIK 1 (C20 215)</b>	Day/Time	: <b>WEDNESDAY, 10.00AM – 1.00 PM</b>
Assistant	: <b>EN. BAKHTIAT BIN MAT SARI EN. AMINURRASHID BIN YAHYA</b>		

NO	NAME	DATE						
		16/8	30/8	13/9	4/10	18/10	1/11	15/11
1	ABDELAZIZ OMER ABDELAZIZ IBRAHIM							
2	AHMED ABDALLA TAJELDIN ABDALLA	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>
3	ARAVIND RAJ A/L BALASUBRAMANIAM							
4	CHAI YONG SHAN							
5	CHIN SHU YUAN	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>01</b>
6	CHONG LEE XUAN							
7	CHUA HAO YANG							
8	ETHAN SOW YI TANG	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>01</b>	<b>02</b>
9	FAN XIN YI							
10	IVAN CHAI YI XIAN							
11	KOO WEI GANG	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>01</b>	<b>02</b>	<b>03</b>
12	LAI SHI NI							
13	JUMANA YASSER SALAH MAHMOUD SABER							
14	NUR RUQAIYYAH BINTI MD SUPARDZI	<b>05</b>	<b>06</b>	<b>07</b>	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>
15	LIM ZI HAO							
16	MOHAMED ABDELGHAFAR MOHAMED ABDELGHAFAR							
17	MOHAMMAD AMMAR ELSAID BABIKER	<b>06</b>	<b>07</b>	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>
18	OMAR AHMED MOHAMMED HASSANIN SHRABASSI							
19	ROLAND LOH CHEE SOON							
20	SIA YONG WAI	<b>07</b>	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>
21	TAN SHEN YI							
22	TEAU WEI LEONG							
23	WONG JIA SOON	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>
24	YAHAYA MOHAMMED BELLO							
25								
26		<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>01</b>
27								
28								
29		<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b>	<b>01</b>	<b>02</b>
30								

O1	RESONANCE AND THE SPEED OF SOUND IN AIR	O5	CONCAVE MIRROR
O2	OHM'S LAW – RESISTANCE IN SERIES AND PARALLEL	O6	MEASURING WAVELENGTH WITH A DIFFRACTION GRATING
O3	CHARGING AND DISCHARGING OF A CAPACITOR		
O4	REFRACTIVE INDEX OF GLASS	O7	DETERMINATION OF FOCAL LENGTHS OF THIN LENSES

Code/Course	: FSP0042 PHYSICS PRACTICAL II	Semester/Session	: JULY, 2023/2024
Lecturer's Name	: CIK NOR NAIMAH BINTI SHAARI		
Venue	: MAKMAL PENGAJARAN FIZIK 1 (C20 215)	Section	: 18 B
Assistant	: EN. BAKHTIAT BIN MAT SARI EN. AMINURRASHID BIN YAHYA	Day/Time	: WEDNESDAY, 10.00AM – 1.00 PM

NO	NAME	DATE						
		9/8	6/9	20/9	11/10	25/10	8/11	22/11
1	ABDUL-RAHMAN SIAD TIFOW							
2	CHENG HAO WEN	01	02	03	04	05	06	07
3	CHENG SHIN THONG							
4	CHOONG KAI JIE							
5	E JIA EN	02	03	04	05	06	07	01
6	ENOCH RAAJ A/L RAJANDERN							
7	YAP CHEE SENG							
8	FOO CHEN JUNG	03	04	05	06	07	01	02
9	LIEW JIE KANG							
10	HASHIM ZAKI ELTAHIR ELMARYOUD							
11	KHAW JIA YAN	04	05	06	07	01	02	03
12	KHOR HAO ZHE							
13	HARAM SABIR							
14	MOAAZ SAMEH FAROUK ELGHANDOUR	05	06	07	01	02	03	04
15	MOHAMED NAIM ALI MOHAMED ABOULOUZ							
16	MOHAMMED SAMI ABDALWAHAB IDRIS							
17	NADA ABDELRAHMAN OSMAN ABDELRAHMAN	06	07	01	02	03	04	05
18	NG MINGYEN							
19	NG SIN YUAN							
20	SANTOSHKUMAR A/L K.MUNUSAMY	07	01	02	03	04	05	06
21	SUGEENDEV A/L T.ISWARAN							
22	TAN RUO XI							
23	TAN ZI LONG	01	02	03	04	05	06	07
24	TEE YEE CHENG							
25	EYAD AYMAN HELMY ELSAYED ALNAWAM							
26								
27		02	03	04	05	06	07	01
28								
29								
30		03	04	05	06	07	01	02
31								

**23/8- HARI HOL ALMARHUM SULTAN ISKANDAR**

01	RESONANCE AND THE SPEED OF SOUND IN AIR	05	CONCAVE MIRROR
02	OHM'S LAW – RESISTANCE IN SERIES AND PARALLEL	06	MEASURING WAVELENGTH WITH A DIFFRACTION GRATING
03	CHARGING AND DISCHARGING OF A CAPACITOR		
04	REFRACTIVE INDEX OF GLASS	07	DETERMINATION OF FOCAL LENGTHS OF THIN LENSES