

Semester 2 Laboratory Schedule (AY2022/2023): < as of 5 Jan 2023 >

Instructional Week	LAB GRP		CG2023		EE2026		EE2027	EE2028	EE2033		PC2020	
	DAY & DATE		AM	PM	AM	PM	PM	PM	AM	PM	AM	PM
1												
2	MON	16-Jan			Lab 1							
	TUE	17-Jan							SL0	SL0		
	WED	18-Jan										
	THUR	19-Jan										
	FRI	20-Jan										
3	MON	23-Jan	LUNAR NEW YEAR									
	TUE	24-Jan	LUNAR NEW YEAR									
	WED	25-Jan			Lab 1	Lab 1						
	THUR	26-Jan										
	FRI	27-Jan										
4	MON	30-Jan			Lab 2							
	TUE	31-Jan						PCI-1	SL1*	SL1*		
	WED	01-Feb			Lab 2	Lab 2						
	THUR	02-Feb										
	FRI	03-Feb										
5	MON	06-Feb		Expt1^	Lab 3						pc2020^	pc2020^
	TUE	07-Feb	Expt1^					PCI-2	SL2	SL2		
	WED	08-Feb			Lab 3	Lab 3					pc2020^	
	THUR	09-Feb										
	FRI	10-Feb	Expt1^									
6	MON	13-Feb		Expt1^							pc2020^	pc2020^
	TUE	14-Feb	Expt1^					PCI-3	SL3	SL3		
	WED	15-Feb									pc2020^	
	THUR	16-Feb										
	FRI	17-Feb	Expt1^									
RECESS												
7	MON	27-Feb		Expt2	Proj 1							
	TUE	28-Feb	Expt2					PCI-4	SL4	SL4		
	WED	01-Mar			Proj 1	Proj 1						
	THUR	02-Mar										
	FRI	03-Mar	Expt2									
8	MON	06-Mar		Expt2	Proj 2							
	TUE	07-Mar	Expt2					PCI-5	SL5	SL5		
	WED	08-Mar			Proj 2	Proj 2	MOSFET					
	THUR	09-Mar										
	FRI	10-Mar	Expt2				MOSFET					
9	MON	13-Mar		Expt3	Proj 3							
	TUE	14-Mar	Expt3					PCI-6	SL6	SL6		
	WED	15-Mar			Proj 3	Proj 3						
	THUR	16-Mar										
	FRI	17-Mar	Expt3									
10	MON	20-Mar		Expt3	Proj 4							
	TUE	21-Mar	Expt3					PCI-7	SL7	SL7		
	WED	22-Mar			Proj 4	Proj 4						
	THUR	23-Mar										
	FRI	24-Mar	Expt3									
11	MON	27-Mar		Expt4							pc2020	pc2020
	TUE	28-Mar	Expt4						SL8	SL8		
	WED	29-Mar					OPAMP				pc2020	
	THUR	30-Mar										
	FRI	31-Mar	Expt4				OPAMP					
12	MON	03-Apr		Expt4	Proj 5						pc2020	pc2020
	TUE	04-Apr	Expt4					PCI-8	SL9	SL9		
	WED	05-Apr			Proj 5	Proj 5					pc2020	
	THUR	06-Apr										
	FRI	07-Apr	GOOD FRIDAY									
13	MON	10-Apr										
	TUE	11-Apr							SL10	SL10		
	WED	12-Apr										
	THUR	13-Apr										
	FRI	14-Apr										

MODULES AND LABORATORIES DETAILS

Module Code and Name	Lab Location
CG2023 Signal & Systems	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Zhang JW & Sangit S	Expt1 ^ (@ PC cluster at Blk E2, lvl 3, 6-9pm)
Lab Officers	Expt2
Ms MH Chia, Ms Goh KS & Mr FM Ho	Expt3
	Expt4

Module Code and Name	Lab Location
EE2026 Digital Design	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Chua DJ & Massimo	Lab1: Getting Started
Lab Officers	Lab2: Combinational Circuits
Mr FM Ho, Ms MH Chia & Ms Goh KS	Lab3: Sequential Circuits
	Proj1: Introduction to BASYS3 I/O Devices
	Proj2: Features Implementation
	Proj3: Practical Test
	Proj4: System Integration
	Proj5: Project Assessment

Module Code and Name	Lab Location
EE2027 Electronic Circuits	Linear Electronics (E4A-06-07)
Lecturers in charge	Experiment / Assignment
Chor EF & Chim WK	MOSFET
Lab Officers	OPAMP
Mr Francis Boey & Mr Darren Ong	

Module Code and Name	Lab Location
EE2028 Microcontroller Prog Interfacing	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Rajesh CP	PCI-1: (60) Familiarization with Development Environment
Lab Officers	PCI-2: (60) Assembly Language and C Programming
Ms MH Chia, Ms Goh KS & Mr FM Ho	PCI-3: (60) Assignment 1 Assessment
	PCI-4: (60) System Design and Baseboard Familiarization
	PCI-5: (60) Interfacing to Sensors and Output Devices using GPIO, I2C and SPI
	PCI-6: (60) Interrupt Handling and Event Detection
	PCI-7: (60) Interfacing to External System using UART
	PCI-8: (60) Assignment 2 Assessment

Module Code and Name	Lab Location
EE2033 Integrated Systems Lab	Linear Electronics (E4A-06-07)
Lecturers in charge	Experiment / Assignment
Heng CH & Zhang JW	SL0: Software setup on personal Laptop
Lab Officers	SL1: Measurement of EM spectrum and antenna (-^ E4-07-08)
Mr Francis Boey & Mr Darren Ong	SL2: GNU Radio implementation
	SL3: Opamp GBW and its impact on filter design
	SL4: Filter design and characterization
	SL5: Spectrum analysis and bandwidth investigation
	SL6: OOK modulation and demodulation
	SL7: Mini project session
	SL8: Mini project session
	SL9: Mini project session
	SL10: Mini project evaluation (OOK receiver)

Module Code and Name	Lab Location
PC2020 Electromagnetics for EE	Weeks 5^/6^ (Phy Dept Lab : S12-04-02); Weeks 11&12 (E4-07-08)
Lecturers in charge	Experiment / Assignment
Chen XD, Yeo SP	The reflection coefficient and the Smith chart
Lab Officers	
Ms Lee SC, Ms Guo L	

