

Semester 2 Laboratory Schedule (AY2024/2025): < as of 14 Jan 2025>

Instructional Week	LAB GRP		CG2023		CG2028		EE2022		EE2023	EE2026		EE2027		EE2028	PC2020	
	DAY & DATE		AM	PM	AM	PM	AM	PM	PM	AM	PM	AM	PM	AM	AM	PM
1	MON	20-Jan														
2	TUE	21-Jan														
	WED	22-Jan														
	THUR	23-Jan														
	FRI	24-Jan														
3	MON	27-Jan														
	TUE	28-Jan	EVE LUNAR NEW YEAR													
	WED	29-Jan	LUNAR NEW YEAR													
	THUR	30-Jan	LUNAR NEW YEAR													
	FRI	31-Jan														
4	MON	3-Feb					Expt1	Expt1		Lab 1						
	TUE	4-Feb					Expt1	Expt1	Expt1	Lab 1	Lab 1					
	WED	5-Feb					Expt1	Expt1								
	THUR	6-Feb			Expt1	Expt1	Expt1		Expt1					PCI-1		
	FRI	7-Feb							Expt1							
5	MON	10-Feb					Expt1	Expt1		Lab 2					pc2020^	
	TUE	11-Feb					Expt1	Expt1	Expt1	Lab 2	Lab 2				pc2020^	pc2020^
	WED	12-Feb					Expt1	Expt1								
	THUR	13-Feb			Expt2	Expt2	Expt1									
	FRI	14-Feb							Expt1					PCI-2		pc2020^
6	MON	17-Feb		Expt1^						Lab 3						pc2020^
	TUE	18-Feb	Expt1^						Expt2							pc2020^
	WED	19-Feb								Lab 3	Lab 3				pc2020^	pc2020^
	THUR	20-Feb							Expt2					PCI-3		pc2020^
	FRI	21-Feb		Expt1^					Expt2							
7	MON	3-Mar		Expt1^						Proj 1						
	TUE	4-Mar	Expt1^						Expt2							
	WED	5-Mar								Proj 1	Proj 1					
	THUR	6-Mar														
	FRI	7-Mar							Expt2					PCI-4		
8	MON	10-Mar		Expt2			Expt2	Expt2	Expt3	Proj 2		OPAMP	OPAMP			
	TUE	11-Mar	Expt2				Expt2	Expt2	Expt3	Proj 2	Proj 2					
	WED	12-Mar														
	THUR	13-Mar							Expt3					PCI-5		
	FRI	14-Mar		Expt2					Expt3							
9	MON	17-Mar		Expt2			Expt2	Expt2	Expt3	Proj 3		OPAMP	OPAMP			
	TUE	18-Mar	Expt2				Expt2	Expt2	Expt3	Proj 3	Proj 3					
	WED	19-Mar														
	THUR	20-Mar					Expt2	Expt2	Expt3	Proj 3	Proj 3			PCI-6		
	FRI	21-Mar							Expt3							
10	MON	24-Mar		Expt3					Expt4	Proj 4						
	TUE	25-Mar	Expt3						Expt4	Proj 4	Proj 4					
	WED	26-Mar														
	THUR	27-Mar							Expt4					PCI-7		
	FRI	28-Mar							Expt4							
11	MON	31-Mar	HARI RAYA PUASA													
	TUE	1-Apr	Expt3				Expt3	Expt3	Expt4			DEVICE			pc2020	pc2020
	WED	2-Apr					Expt3	Expt3								
	THUR	3-Apr					Expt3									
	FRI	4-Apr		Expt3					Expt4						pc2020	
12	MON	7-Apr		Expt4			Expt3	Expt3		Proj 5						
	TUE	8-Apr	Expt4				Expt3	Expt3								
	WED	9-Apr								Proj 5	Proj 5					
	THUR	10-Apr					Expt3	Expt3								
	FRI	11-Apr		Expt4										PCI-8		
13	MON	14-Apr		Expt4								DEVICE	DEVICE			pc2020
	TUE	15-Apr	Expt4												pc2020	pc2020
	WED	16-Apr														
	THUR	17-Apr														
	FRI	18-Apr	GOOD FRIDAY													

Academic calendar: <https://nus.edu.sg/registrar/docs/info/calendar/ay2024-2025.pdf>
Examination calendar: <https://myportal.nus.edu.sg/studentportal/academics/all/semester-2.html>

COURSES AND LABORATORIES DETAILS

Course Code and Name	Lab Location
CG2023 Signal & Systems	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Zhang JW, Ng CS & Yin TT	Expt1^ (@ PC cluster at Blk E2, level 3). PS: 1-4pm for Fri (21 Feb)
Lab Officers	Expt2
Mr Ho FM, Ms MH Chia, Ms Goh KS	Expt3
	Expt4 - Project Demonstration
Course Code and Name	Lab Location
CG2028 Computer Organization	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Henry Tan, Ankit S	Expt1 - [Wk4] : Familiarization with Development Enviroment
Lab Officers	Expt2 - [Wk5] : Assembly Language and C Programming; Assignment 1 Project
Mr FM Ho, Ms MH Chia, Ms Goh KS	Explanation
Course Code and Name	Lab Location
EE2022 Power Electronics Module	Energy Management Microgrid (E4A-04-03)
Lecturers in charge	Experiment / Assignment
Sangit	Expt1 - Introduction to Energy Systems
Lab Officers	Expt2 - Transformer Characterizations
Mr FC Lool	Expt3 - A complete Energy System
Course Code and Name	Lab Location
EE2023 Signal & Systems	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Tan WW, Sahoo & Lai YK	Expt1
Lab Officers	Expt2
Mr Ho FM, Ms MH Chia, Ms Goh KS	Expt3
	Expt4
Course Code and Name	Lab Location
EE2026 Digital Design	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Chua DJ	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: Basic Task Evaluation
	Proj3: Project Progress Evaluation
	Proj4: Verilog Evaluation
	Proj5: Project Assessment
Course Code and Name	Lab Location
EE2027 Electronic Circuits	Linear Electronics (E4A-06-07)
Lecturers in charge	Experiment / Assignment
Heng CH, Chim WK & Annie K	OPAMP
Lab Officers	DEVICE CHARACTERIZATION
Mr Francis Boey & Mr Darren Ong	
Course Code and Name	Lab Location
EE2028 Microcontroller Prog Interfacing	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Henry Tan & Ankit S	PCI-1: (60) Familiarization with Development Environment
Lab Officers	PCI-2: (60) Assembly Language and C Programming, Assignment 1 Project Explanation
Mr HO FM, Ms MH Chia, Ms Goh KS	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) Interfacing to External System using UART; Assignment 2 Project Explanation
	PCI-7: (60) Interrupt Handling and Event Detection
	PCI-8: (60) Assignment 2 Assessment
Course Code and Name	Lab Location
PC2020 Electromagnetics for EE	Weeks 4*/6* (Phy Dept Lab : S12-04-02); Weeks 11&12 (E4-07-08)
Lecturers in charge	Experiment / Assignment
Chen XD, Yeo SP, Goh ST & Zhao ZY	The reflection coefficient and the Smith chart
Zhao ZY	
Ms Lee SC, Ms Guo L	