

Semester 2 Laboratory Schedule (AY2023/2024): < as of 23 Jan 24 >

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

Academic calendar: <https://nus.edu.sg/registrar/docs/info/calendar/ay2022-2023.pdf>
 Examination calendar: <https://myportal.nus.edu.sg/studentportal/academics/all/semester-2.html>

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, Ng CS & Sanqit S	Expt1 (@ PC cluster at Blk E2, level 3). ^A For 19 Feb & 4 Mar, timing is 3-6pm.
Lab Officers	Expt2
Ms MH Chia, Ms Goh KS & Mr FM Ho	Expt3
	Expt4

Module Code and Name	Lab Location
CG2028 Computer Organization	Digital Electronics (E4-03-07)
Lecturers in charge	Experiment / Assignment
Rajesh CP	Expt1
Lab Officers	Expt2
Mr FM Ho, Ms MH Chia & Ms Goh KS	Expt3

Module 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 Looi	Expt3 - A complete Energy System

Module 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: Features Implementation
	Proj3: Basic Task Evaluation
	Proj4: Verilog Evaluation
	Proj5: Project Assessment

Module Code and Name	Lab Location
EE2027 Electronic Circuits	Linear Electronics (E4A-06-07)
Lecturers in charge	Experiment / Assignment
Heng CH & Chim WK	OPAMP
Lab Officers	DEVICE CHARACTERIZATION
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 & Henry Tan	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
PC2020 Electromagnetics for EE	Weeks 4^A/6^A (Phy Dept Lab : S12-04-02); Weeks 11&12 (E4-07-08)
Lecturers in charge	Experiment / Assignment
Chen XD, Yeo SP, Goh ST, Richard Gao XK	The reflection coefficient and the Smith chart
Lab Officers	
Ms Lee SC, Ms Guo L	