

Semester 2 Laboratory Schedule (AY2020/2021): < as of 12 Jan 2021 >

Instructional Week	LAB GRP DAY & DATE	CG2023		CG2028		EE2026		EE2027	EE2028	EE2028A	EE2033		PC2020	
		AM	PM	AM	PM	AM	PM	PM	AM	PM	AM	PM	AM	PM
1														
2	MON 18-Jan											SL0		
	TUE 19-Jan									CSD1				
	WED 20-Jan											SL0		
	THUR 21-Jan									CSD1		SL0		
	FRI 22-Jan													
3	MON 25-Jan						Lab 1	Lab 1				SL1*		
	TUE 26-Jan						Lab 1	Lab 1		CSD2				
	WED 27-Jan								PCI-1			SL1*		
	THUR 28-Jan						Lab 1	Lab 1		CSD2		SL1*		
	FRI 29-Jan								PCI-1					
4	MON 1-Feb		Expt1^				Lab 2	Lab 2				SL2		pc2020^
	TUE 2-Feb						Lab 2	Lab 2		CSD3				pc2020^
	WED 3-Feb		Expt1^						PCI-2			SL2		pc2020^
	THUR 4-Feb						Lab 2	Lab 2		CSD3		SL2		pc2020^
	FRI 5-Feb		Expt1^						PCI-2					pc2020^
5	MON 8-Feb													
	TUE 9-Feb													
	WED 10-Feb													
	THUR 11-Feb													
	FRI 12-Feb													
6	MON 15-Feb		Expt1^				Lab 3	Lab 3				SL3		pc2020^
	TUE 16-Feb						Lab 3	Lab 3		CSD4				pc2020^
	WED 17-Feb								PCI-3			SL3		pc2020^
	THUR 18-Feb						Lab 3	Lab 3		CSD4		SL3		pc2020^
	FRI 19-Feb		Expt1^						PCI-3					pc2020^
7	MON 1-Mar		Expt2				Lab 4	Lab 4				SL4		
	TUE 2-Mar						Lab 4	Lab 4						
	WED 3-Mar		Expt2						PCI-4			SL4		
	THUR 4-Mar						Lab 4	Lab 4						
	FRI 5-Mar		Expt2						PCI-4			SL4		
8	MON 8-Mar			Expt2			Proj 1	Proj 1				SL5		
	TUE 9-Mar						Proj 1	Proj 1						
	WED 10-Mar								PCI-5			SL5		
	THUR 11-Mar						Proj 1	Proj 1						
	FRI 12-Mar		Expt2						PCI-5					
9	MON 15-Mar		Expt3	Expt1			Proj 2					SL6		
	TUE 16-Mar						Proj 2	Proj 2	MOSFET					
	WED 17-Mar		Expt3				Proj 2	Proj 2		PCI-6		SL6		
	THUR 18-Mar						Proj 2	Proj 2				SL6		
	FRI 19-Mar		Expt3		Expt1				MOSFET		PCI-6			
10	MON 22-Mar			Expt3			Proj 3	Proj 3				SL7		
	TUE 23-Mar						Proj 3	Proj 3						
	WED 24-Mar								PCI-7			SL7		
	THUR 25-Mar						Proj 3	Proj 3						
	FRI 26-Mar		Expt3		Expt2				PCI-7			SL7		
11	MON 29-Mar				Expt2							SL8		
	TUE 30-Mar													
	WED 31-Mar											SL8		
	THUR 1-Apr													
	FRI 2-Apr													
12	MON 5-Apr		Expt4				Proj 4	Proj 4	OPAMP			SL9		pc2020
	TUE 6-Apr						Proj 4	Proj 4		PCI-8				pc2020
	WED 7-Apr		Expt4									SL9		pc2020
	THUR 8-Apr						Proj 4	Proj 4				SL9		pc2020
	FRI 9-Apr		Expt4						OPAMP		PCI-8			pc2020
13	MON 12-Apr			Expt4	Expt3							SL10		pc2020
	TUE 13-Apr													pc2020
	WED 14-Apr											SL10		pc2020
	THUR 15-Apr													pc2020
	FRI 16-Apr		Expt4		Expt3							SL10		pc2020

Academic calendar: <http://nus.edu.sg/registrar/docs/info/calendar/ay2020-2021.pdf>  
 Examination calendar: <https://myportal.nus.edu.sg/studentportal/academics/all/semester-2.html>

MODULES AND LABORATORIES DETAILS

Module Code and Name	Lab Location
<b>CG2023 Signal &amp; Systems</b>	<b>Linear Electronics (E4A-06-03)</b>
Lecturers in charge	Experiment / Assignment
Ng CS, Zhang JW & Sangit S	Expt1 ^ (@ PC cluster at Bk E2, M 3)
Lab Officers	Expt2
Mr Uh CL & Ms Rose Seah	Expt3
	Expt4
Module Code and Name	Lab Location
<b>CG2028 Computer Organization</b>	<b>Digital Electronics (E4-03-07)</b>
Lecturers in charge	Experiment / Assignment
Rajesh CP & Henry Tan	Expt1 : Assembly Language Programming
Lab Officers	Expt2 : Microarchitecture, Pipelining and Caching
Ms MH Chia, Ms Goh KS & Mr FM Ho	Expt3 : Assignment Assessment
Module Code and Name	Lab Location
<b>EE2026 Digital Design</b>	<b>Digital Electronics (E4-03-07)</b>
Lecturers in charge	Experiment / Assignment
Chua DJ & Massimo	Lab 1 : (60) Getting Started
Lab Officers	Lab 2 : (60) Combinational Circuits
Ms MH Chia, Ms Goh KS & Mr FM Ho	Lab 3 : (60) Sequential Circuits Part 1
	Lab 4 : (60) Sequential Circuits Part 2
	Proj 1: (60) Introduction to BASYS3 I/O Devices
	Proj 2: (60) Features Implementation
	Proj 3: (60) Full System Testing
	Proj 4: (60) Project Assessment
Module Code and Name	Lab Location
<b>EE2027 Electronic Circuits</b>	<b>Linear Electronics (E4A-06-03)</b>
Lecturers in charge	Experiment / Assignment
Chor EF & Chim WK	MOSFET
Lab Officers	OPAMP
Mr Uh CL & Ms Rose Seah	
Module Code and Name	Lab Location
<b>EE2028 Microcontroller Prog Interfacing</b>	<b>Digital Electronics (E4-03-07)</b>
Lecturers in charge	Experiment / Assignment
Henry Tan & 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
<b>EE2028A C Programming</b>	<b>E_learning</b>
Lecturers in charge	Experiment / Assignment
Bharadwaj V	C-Lab 1
Lab Officers	C-Lab 2
Mr Uh CL & Ms Rose Seah	C-Lab 3
	C-Lab 4
Module Code and Name	Lab Location
<b>EE2033 Integrated Systems Lab</b>	<b>Linear Electronics (E4A-06-07) Microwave Lab (E4-07-08)</b>
Lecturers in charge	Experiment / Assignment
Heng CH & Luo S	SL0: Software setup on personal Laptop
Lab Officers	SL1: Measurement of EM spectrum and antenna (-E4-07-08)
Mr Uh CL & Ms Rose Seah	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
<b>PC2020 Electromagnetics for EE</b>	<b>Weeks 4^6^ (Phy Dept Lab : S11-03-02); Weeks 12&amp;13 (E_learning)</b>
Lecturers in charge	Experiment / Assignment
Chen XD, Yeo TS, Yeo SP, Guo YX	The reflection coefficient and the Smith chart
Lab Officers	
Ms Lee SC, Ms Guo L	